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Pennsylvania
Agricultural
Statistics
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COMMONWEALTH OF PENNSYLVANIA

Robert P. Casey, Governor

DEPARTMENT OF AGRICULTURE

Boyd E. Wolff, Secretary

cooperating with

UNITED STATES DEPARTMENT OF AGRICULTURE

Clayton Yeutter, Secretary

NATIONAL AGRICULTURAL STATISTICS SERVICE

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in compilation of agricultural statistics by

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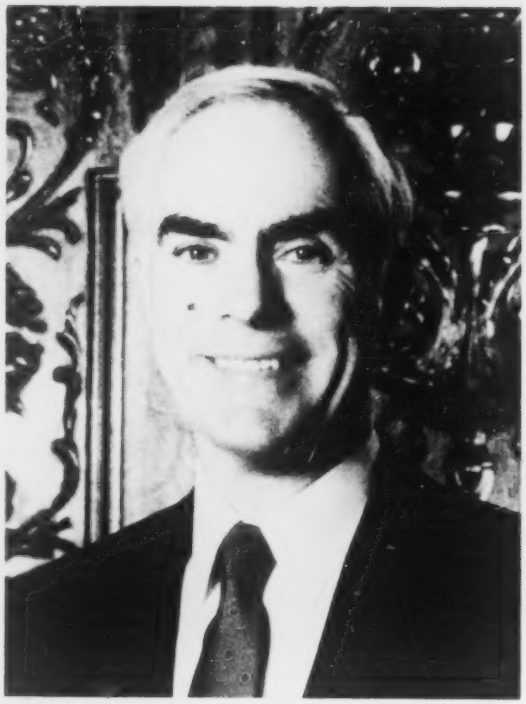

To Pennsylvania's Agricultural Family:

We are very proud of our farm families and their accomplishments. The hard-working citizens in rural Pennsylvania have made agriculture our leading industry. These farmers are highly motivated entreprenuers who have improved the quality of life for all the citizens of our Commonwealth.

The important contributions of agriculture explain why Pennsylvania has created the nation's most ambitious program to preserve farmland. We have also supported research, marketing promotion and the Animal Health Commission's crucial work to protect the livestock which is vital to our farm economy.

As Governor, I am pleased to present the 1989 Crop and Livestock Annual Summary. This document is a valuable reference and a handy guide that provides a statistical picture of Pennsylvania's number one industry.

Robert Casey

Governor Robert P. Casey

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Established 1895

Commonwealth of Pennsylvania

DEPARTMENT OF AGRICULTURE

ANNUAL REPORT 1989-90

ROBERT P. CASEY
Governor

BOYD E. WOLFEF
Secretary of Agriculture

To the Producers and Consumers of Pennsylvania:

In the 1989 growing season our farmers struggled with too much rain. Hay cuttings were a disappointment. Planting that should have taken place in May and June had to be postponed until fields dried out.

In short, it was another challenging year. The hay harvest was disappointing, but farmers who stuck it out ended the season with decent corn, wheat and soybean harvests.

We can't control the weather, but we did our best to save farms and promote the sale of Pennsylvania products. In 1989, we bought the first easements under our Farmland Preservation Program. That bold new effort is designed to save productive cropland for the citizens of future generations.

The Department of Agriculture also developed a new food products logo during 1989. The distinctive new logo has been well received by producers and consumers. It will soon be a well-recognized symbol of quality agricultural products from Pennsylvania. I urge you to use it in your businesses, and to look for it when you shop.

Once again, the data contained in this book chronicles the accomplishments of our farm families. The numbers show what was produced. Those of us who are close to agriculture know how much hard work goes into the production of food and fiber for our people. On behalf of the citizens of Pennsylvania, I say THANK YOU to the farm families whose efforts are quantified in this publication.

Boyd E. Wolff
Secretary of Agriculture

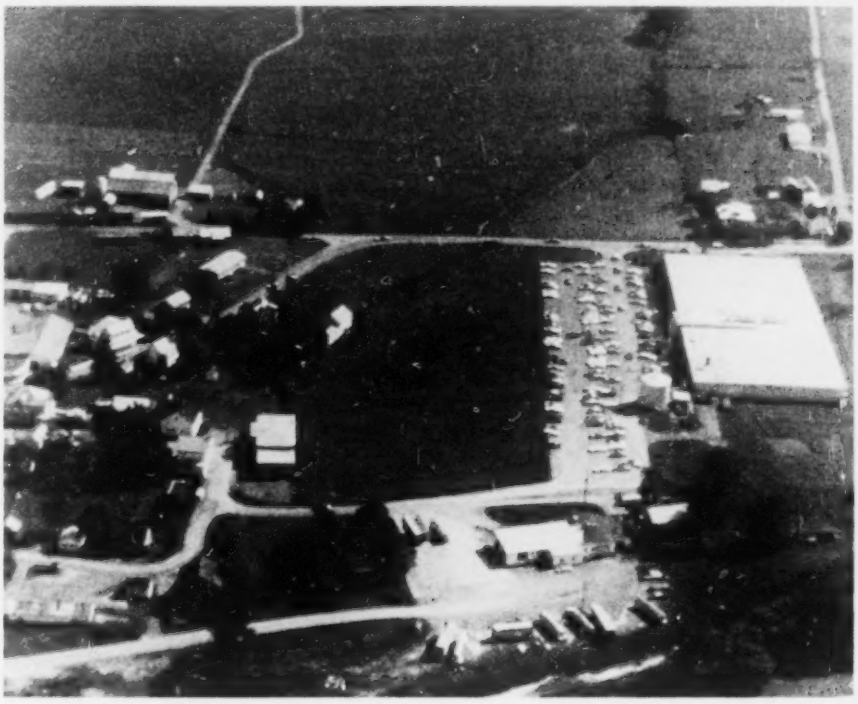
Farmland Protection Became Reality in 1989

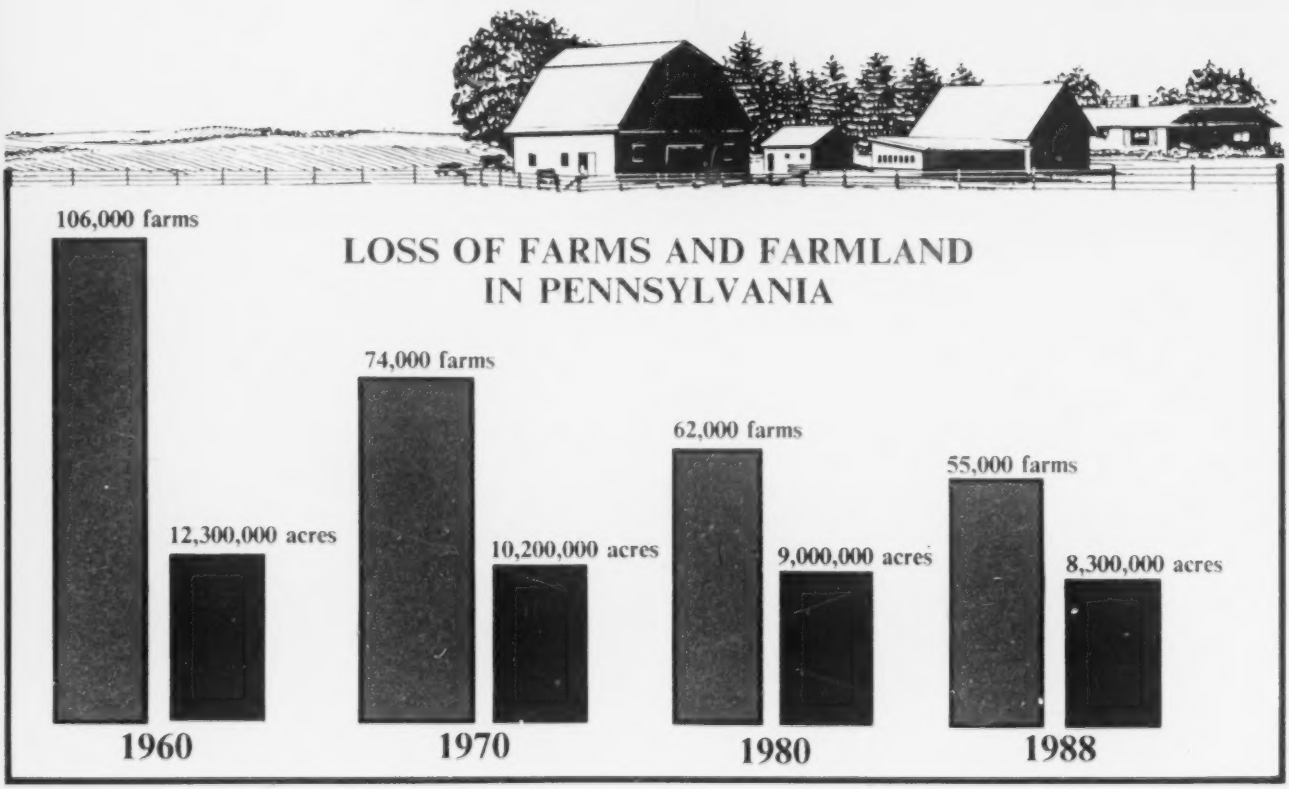
Farmland protection became a reality in 1989, as Pennsylvania began purchasing agricultural easements to save productive cropland for our children and their children. William and Lena Aaron's 173 acre farm in Drumore Township, Lancaster County, became the first farm protected by Pennsylvania's new program.

Pennsylvania's effort to save farmland won national recognition in 1989, as the American Farmland Trust presented Pennsylvania with its Public Policy and Program Award. Governor Casey accepted the award on behalf of the Commonwealth in September ceremonies in Washington, D.C.

Through the Commonwealth's preservation effort, $100 million will be made available to qualifying Pennsylvania farmers to encourage them to keep their farms in agricultural use.

Interest in the program spurred farmers to form new agricultural security areas. The farms that will be saved must be within Agricultural Security Areas. When voters approved funding for the $100 million program in 1987, there were 93 security areas protecting 358,351 acres on 82 farms in 31 counties. By the end of 1989 there were 219 agricultural security areas protecting 8,368 farms and 829,788 acres in 44 counties.





Agriculture News Revamped

The Department of Agriculture is always looking for new and better ways to keep the public informed of Department activities and of changes in agriculture. In January of 1989, the Department adopted a new format for the 74-year-old Pennsylvania Department of Agriculture News Bulletin. The old 8.5 x 14-inch single sheet publication was replaced with a new publication. The new Pennsylvania Agriculture News features a modern 8.5 x 11-inch booklet format with larger, more legible type. Publication changed from a semi-monthly to monthly basis, but the new 8 and 12 page issues provide readers with a broader range of news and more in-depth coverage on major topics. After making the change, the Department received many positive comments.

Regulatory Fines Publicized to Promote Consumer Confidence

Strong regulatory programs protect consumers and boost sales of Pennsylvania products. In fact, nothing promotes sales more than consumer confidence in food products. Consumers who buy Pennsylvania agricultural products know they are buying high quality, and they have come to expect nothing less.

To help consumers appreciate the Department's consumer protection functions, a monthly news release details all fines and penalties against companies and individuals regulated by the Department of Agriculture. In the interest of fairness, all fines, small and large, and all violations are tabulated and mailed to the news media.

Dog Law Officers Trained, Now Wear Uniforms

Pennsylvania's Dog Law officers began wearing distinctive new brown uniforms in 1989. The uniforms make it easier for citizens to recognize the officers who enforce the State Dog Law and the Rabies Prevention Act. Rabies vaccinations are required for all dogs and house cats over three months of age. Those vaccinations for pets protect pet owners from wildlife rabies that has swept through Pennsylvania's raccoon population.

During 1989, Dog Law Officers also received new training that permits more thorough kennel inspections and stricter enforcement of kennel standards.

Farmers Market Nutrition Program

More pregnant women and breastfeeding mothers enjoyed the benefits of fresh, quality foods because the Farmers' Market Nutrition Program was expanded to 31 counties and 50 farmers' markets. Through this program, clients of the Women, Infants and Children (WIC) Program purchased fresh Pennsylvania Fruits and Vegetables at farmers' markets.

Begun in 1988 as a pilot project in three cities, the program increases nutritional benefits for mothers and children and it created new marketing opportunities for farmers who sell fresh produce. Further expansion of this program is planned for the 1990 growing season.

Weights and Measures Inspections Increased

The Bureau of Standard Weights and Measures inspects devices and packages to promote equity in the marketplace. Consumers want to know they are getting their money's worth, and consumer confidence generates economic activity for Pennsylvania's merchants and business people.

During 1989, the bureau adopted regulations for polyethylene sheeting, increased inspections of food store scanners, and began a program to get rid of illegal non-commercial scales often used at private shipping counters for small package shipments.

Since 1987, the bureau has increased large capacity inspections by 12 percent and has stepped up general duty division inspections by nearly 45 percent.

In addition, the bureau has written a procedural manual for enforcement personnel, and staff training in prosecution and enforcement has doubled.

Animal Health is Critical to the Leading Industry

The people of Pennsylvania enjoy an abundant supply of quality food because food producers and government work together to protect consumers and farm production.

Agriculture in Pennsylvania is animal intensive, and our farmers depend on government to protect agricultural investments by protecting animal health. Animal health policies depend on timely and reliable disease detection programs and facilities.

The Animal Health Commission began meeting in 1989. This new board oversees animal health problems, directs research dollars and laboratory work, and advises the department on animal health policies. Creation of the Commission fulfilled one of Governor Casey's major commitments to agriculture.

When a Dauphin County dairy herd reacted positively during routine tuberculin testing in the summer of 1989, veterinarians began tracing animal contacts and testing dairy herds across the Commonwealth and in ten other states. Nearly 11,000 cattle were tested as the Bureau of Animal Industry worked to confine any possible outbreak of bovine tuberculosis. Follow-up testing continues. During the testing, the Departments of Health and Agriculture teamed up to protect human and animal health. The Department's reaction to this development demonstrates how farmers depend on the Commonwealth to protect their investments.

Food Inspections Protect Public, Confidence in Quality

Pennsylvania began sampling milk for sulfas in November of 1988, and has counselled farmers on protecting the milk supply from antibiotics. Sampling has not detected action level sulfa residue on any Pennsylvania farm since November of 1988. So when sulfamethazine residue in milk became a national news story, consumers in Pennsylvania had nothing to worry about.

Since 1987, the Bureau of Foods and Chemistry has recorded all food establishment inspection histories into the Department's mainframe database. Records are now more secure, more accessible, more complete, and provide better information for inspectors and producers. This means inspectors are better informed, records are more efficiently analyzed, and more inspections are being performed.

Overall laboratory productivity in the Laboratory Division increased 20 percent in 1989. This crucial effort protects consumers, and guards consumer confidence in Pennsylvania food products.

Salmonella

Egg producers and the Department continued to work together to protect consumers through a testing program designed to help control Salmonella enteritidis (SE) in egg-laying flocks. Under agreements signed by producers, egg laying flocks were checked to certify that only eggs from salmonella negative birds were packed for the shell egg market.

In 1990, responsibility for SE programs was assumed by the United States Department of Agriculture. USDA's new program is very similar to the program Pennsylvania operated in 1988 and 1989. While USDA now has authority for interstate movement of eggs, Pennsylvania will continue to regulate intrastate movement of shell eggs.

Secretary Wolff and Governor Casey view Farm Show entry.

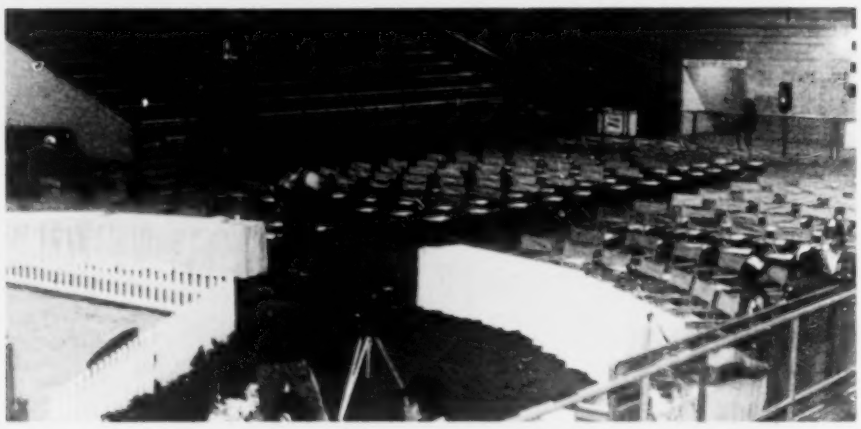
The Great Pennsylvania Farm Show — Best Ever

The Pennsylvania State Farm Show is Pennsylvania's version of a State Fair. It is a study of divergence, a blend of tradition and change.

Rich in traditions, the show offers visitors a look at many of the things that were on display when their grand parents came to Harrisburg early in the century. The same Farm Show offers something new every year, and during 1989, behind the scenes efforts to improve the Farm Show reached a new high.

During 1989, a special committee made major improvements to the Junior Livestock Sale. For the sale on Friday of the 1990 show, the Small Arena was adorned with carpet, flags, new chairs, buyer tables and a raised show ring with a picket fence. A new souvenir sale book was handed out during the sale, and buyers enjoyed meeting young exhibitors in a new hospitality area. The end result was more money for young exhibitors. Further sale improvements are planned to be in place for the 75th Farm Show in 1991.

During the 74th annual Farm Show, Governor Casey unveiled nearly $5 million in improvements to the Farm Show Complex. Improvements include a new roof the large Arena, and upgrades to the heating and lighting systems.



Small Arena decorated for Junior Livestock Sale.

Commodity Marketing Programs

The Pennsylvania Agricultural Commodities Marketing Act was adopted to benefit producers in 1968. This Act makes it possible for producers to join forces to develop and finance programs to maintain or expand markets for Pennsylvania farm products.

This important law was amended in May of 1987 in order to give producers greater control over their commodity programs. Now, board members nominated by producers set policy and direction, determine budgets, and oversee operations.

Pennsylvania Secretary of Agriculture Boyd E. Wolff and the staff of the Department Department of Agriculture provide support for these marketing programs, which truly belong to the producers. By the end of 1989, six commodity marketing programs were up and running. They are: Apple, Dairy, Peach and Nectarine, Potato, Sheep and Lamb, and the Vegetable Marketing Program.

Exports Continue to Rise

The value of Pennsylvania agricultural exports has risen by more than $98 million since 1986. The latest numbers show exports totalled $270.3 million in 1989, up more than $30 million from the previous year.

The big purchasers of Pennsylvania products are in Latin America, the Caribbean, and the Far East.

The International Trade Division, which was merged with the Domestic Trade Division in 1988, represented more than 1,100 Pennsylvania agriculture and food companies at trade shows in Germany, Japan, Saudi Arabia, Italy, Great Britain, and in the USA.

Through these shows, foreign buyers discovered quality Pennsylvania products such as candy, snacks, grocery items, beverages, lumber, logs, wood products and food handling equipment.

New Logo Helps Consumers Recognize Pennsylvania Quality

During 1989, the Bureau of Market Development created a new logo that will help focus a new marketing and promotion campaign for Pennsylvania food and agricultural products. The new campaign is designed to generate a preference for Pennsylvania products and develop a branding program to stimulate the purchase of products from Pennsylvania.

The distinctive new logo includes a new slogan, "QUALITY...FROM OUR HOME TO YOURS."

PENNSYLVANIA AGRICULTURE
Quality From Our Home To Yours

Governor Casey and Secretary Wolff at luncheon marking introduction of new logo.

Fairs Promote Agriculture/State Promotes Fairs

Fairs continue to attract more visitors. These important public events provide opportunities for rural citizens and city folk to exchange ideas about production of food and fiber. Fairs are unparalleled promoters of Pennsylvania's leading industry.

The commonwealth's 110 agricultural fairs begin in May and culminate every January with the biggest fair of them all, the Pennsylvania State Farm Show in Harrisburg.

State financial support of fairs has increased by more than 33 percent in the past five years. The Commonwealth increased its overall financial commitment to fairs, youth organizations and agricultural groups again in 1989. In the 1989-90 fiscal year, support was increased another ten percent, and $3.75 million was granted to support exhibits, operations, premiums, capital improvements and harness racing.

Hypersensitivity Registry Expands

Pennsylvania's notification program to protect chemically hypersensitive citizens is the first of its kind in the nation. This innovative program was created by the Bureau of Plant Industry in 1988 to meet the needs of people who have had adverse reactions to pesticide applications by neighbors.

Through a registry of chemically hypersensitive citizens, pesticide applicators can identify those who are allergic to sprays. The Department supplies the names and addresses of these people to 6,000 commercial and public pesticide applicators. Applicators can then notify registrants before applying pesticides within 500 feet of a home occupied by someone whose name is listed in the registry.

Integrated Pest Management Gets Support

The Department of Agriculture and Penn State University are working together to help farmers find new techniques that will reduce the use of chemical pesticides. In some cases, bugs are used to get rid of bugs; and in other cases, simple planting techniques can help farmers cut their losses and cut chemical purchases at the same time. To promote these techniques, the Department of Agriculture operates educational programs and in fiscal 1989-90 is making more than $386,000 in grants available to Penn State University for research in this important new field. Integrated Pest Management helps farmers protect the environment, pleases consumers and saves money all at the same time.

Legislative Accomplishments for Agriculture

Many of the programs and activities of the Pennsylvania Department of Agriculture are mandated by law. These measures affecting agriculture were signed into law during the last three years. For more information, call (717) 787-4626.

ACT 21 — Amends Tax Reform Code of 1971, includes provision to exempt from realty tax land transferred from a conservancy to a government agency.

ACT 26 - Pennsylvania Sewage Facilities Act, allows exemptions for property owner who owned property since October 10, 1987 to refrain from getting permit for on-lot sewage on a contiguous tract of land ten acres or more.

ACT 31 - Phosphate Detergent Act, limits use of phosphates in cleaning agents; prohibits sales and use of products exceeding 0.5 percent elemental phosphorus level. Agricultural industries are excluded from this act.

ACT 32 - Storage Tank and Spill Prevention act, provides a farm exemption for all above ground storage tanks of 1,100 gallons or less containing motor fuel for non-commercial purposes, pesticides or fertilizers. Similar sized underground tanks are exempt for non-commercial use of motor fuel.

ACT 46 - PennAg Fund, amends Capitol Loan Fund Act to provide loans exclusively for food processors; does not have a job creation requirement.

ACT 62 - Amends Child Labor Laws to permit a minor between the ages of fourteen and sixteen to be employed on a farm which hatches, raises or harvests poultry and work until 10 pm.

ACT 110 - Amends Tax Reform Code of 1971 to allow farmers to withhold paying estimated tax until after January 15 of the following year and bases tax on gross income from farming rather than taxable income.

Pennsylvania

Agricultural
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Service
2301 North Cameron St.
Harrisburg, Pa. 17110-9408
Phone: 717-787-3904

STATISTICAL SUMMARY
1989-90

NATIONAL AGRICULTURAL STATISTICS SERVICE
U.S. DEPARTMENT OF AGRICULTURE/PENNSYLVANIA DEPARTMENT OF AGRICULTURE

DAIRY SUMMARY - 1989

BY GLENN A. STRASBURG

MILK PRODUCTION DROPS TWO PERCENT: Pennsylvania's milk production for 1989 was 10.0 billion pounds, 2 percent below the record high production of 1988. Milk production during the months of January, February, March and April set new monthly highs. During the first five months of the year, monthly production exceeded milk produced during the first five months of 1988. However, monthly production during the last seven months was below 1988. Poor forages contributed to the drop in production. Wet weather delayed planting of corn and soybeans. The rain also delayed making of hay in May and June.

Milk production per cow followed the same pattern as total milk production. The 1989 average was 14,324 pounds for the year, 92 pounds more than 1988's production of 14,232 pounds per cow. This was the smallest year to year increase in milk per cow in the last six years due to the drought conditions of 1988 and wet conditions of 1989.

Pennsylvania maintained its fifth place ranking in the nation in milk production, producing 6.9 percent of the nation's milk. Wisconsin is first, with 16.6 percent, followed by California, New York, and Minnesota, respectively. Pennsylvania moved closer to Minnesota in terms of total milk production despite the problems faced by Pennsylvania dairy farmers in 1989.

The number of milk cows in the State averaged 698,000 head in 1989, 19,000 less than in 1988. Cow numbers fell to 690,000 during June, then rose slightly, finishing the year at 694,000 head in December.

The number of commercial dairy farms for 1989 is estimated at 13,200 , 500 less than during 1988. Commercial dairy farms are defined as farms with 10 or more milk cows in operation during the year.

MILK DISPOSITION AND INCOME: Cash receipts from marketings of Pennsylvania milk during 1989 totaled 1.45 billion dollars, up 8 percent from 1988. Marketings totaled 9.6 billion pounds in 1989, 2 percent less than marketings in 1988. Returns from wholesale and retail sales in 1989 averaged $14.69 per hundred pounds of milk as compared with $13.32 per hundred pounds in 1988.

An estimated 111 million pounds of milk were used on the farms where produced. Calves in the Commonwealth were fed 72 million pounds of milk; while 39 million pounds were used by producer's households as fluid milk, cream or butter.

PRODUCTION COSTS: Costs of producing milk in Pennsylvania averaged $12.52 per hundred pounds of milk during 1989 compared with $12.23 during 1988. This estimated cost of producing milk does not include any returns (costs) for management or equity capital or changes in inventory values of capital items but does include a return to operator and family labor.

PENNSYLVANIA: COST OF PRODUCING MILK, SELECTED ITEMS AND TOTAL, BY MONTHS, 1989

Month	Purchased Feed	Fertilizer & Lime	Fuels & Lubricants	Dairy Animals Purchased	Hauling	Interest	Depreciation	Value Family Labor	Hired Labor	Other	Total
	Dollars Per Cwt. Of Milk Shipped										
January.....	2.557	0.272	0.209	0.135	0.411	0.651	1.614	1.784	0.604	3.534	11.77
February.....	2.660	0.355	0.224	0.331	0.433	0.652	1.616	1.506	0.555	3.562	11.89
March.....	2.960	0.340	0.266	0.331	0.435	0.652	1.616	1.898	0.593	3.562	12.65
April.....	2.767	1.160	0.365	0.366	0.430	0.645	1.445	1.648	0.615	3.627	13.07
May.....	2.570	1.475	0.389	0.245	0.418	0.630	1.410	1.626	0.644	3.516	12.92
June.....	2.545	0.923	0.382	0.245	0.417	0.630	1.410	1.533	0.619	3.516	12.22
July.....	2.657	0.470	0.406	0.515	0.439	0.621	1.391	1.982	0.741	3.483	12.71
August.....	2.698	0.293	0.415	0.299	0.417	0.607	1.360	1.766	0.705	3.426	11.99
September....	2.634	0.254	0.374	0.442	0.430	0.607	1.360	1.840	0.764	3.426	12.13
October.....	2.940	0.327	0.433	0.404	0.438	0.617	1.383	1.912	0.683	3.568	12.71
November.....	3.415	0.324	0.374	0.264	0.429	0.622	1.393	1.623	0.726	3.600	12.77
December.....	3.205	0.943	0.368	0.264	0.426	0.622	1.393	1.991	0.659	3.600	13.47
Average.....	2.801	0.595	0.350	0.320	0.427	0.630	1.449	1.759	0.659	3.535	12.52
% of Total...	22.4	4.7	2.8	2.6	3.4	5.0	11.6	14.0	5.3	28.2	100.0

PENNSYLVANIA: MILK COWS, MILK PRODUCTION AND MILK PRICE, BY MONTHS, 1965-1989

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						Milk Cows on Farm 1/ (000) Head							
1965.....	823	820	817	814	811	808	805	802	799	796	793	790	806
1970.....	712	710	708	707	706	705	704	703	702	701	700	698	705
1975.....	688	695	700	705	703	700	697	703	701	699	698	704	699
1980.....	712	713	710	705	705	705	707	712	714	718	718	718	711
1983.....	738	737	737	734	733	731	727	731	735	737	744	740	735
1984.....	737	729	720	718	718	720	727	731	737	738	735	735	729
1985.....	735	735	735	738	738	736	740	743	745	746	745	747	740
1986.....	741	739	738	730	730	732	732	734	734	735	735	730	734
1987.....	729	725	719	718	718	716	720	720	718	718	721	724	721
1988.....	724	720	715	712	713	715	715	717	720	719	716	719	717
1989.....	715	710	704	695	695	690	692	697	695	693	694	694	698
						Milk Production Per Cow (Pounds)							
1965.....	730	675	795	795	870	795	725	715	700	715	690	726	8,940
1970.....	825	765	875	880	940	885	850	830	825	840	775	820	10,105
1975.....	825	775	875	885	955	910	855	845	825	825	795	835	10,215
1980.....	965	960	995	985	1,065	1,030	1,000	985	980	990	990	1,000	11,949
1983.....	1,060	1,020	1,075	1,055	1,155	1,125	1,105	1,090	1,070	1,070	1,055	1,055	12,939
1984.....	1,075	1,085	1,085	1,070	1,170	1,130	1,100	1,070	1,045	1,050	1,025	1,030	12,926
1985.....	1,060	1,030	1,090	1,075	1,210	1,175	1,160	1,140	1,110	1,150	1,130	1,155	13,491
1986.....	1,155	1,070	1,140	1,140	1,250	1,200	1,185	1,160	1,120	1,140	1,120	1,150	13,831
1987.....	1,170	1,115	1,205	1,180	1,270	1,210	1,190	1,175	1,135	1,170	1,145	1,170	14,123
1988.....	1,185	1,150	1,210	1,190	1,270	1,180	1,180	1,170	1,150	1,180	1,165	1,200	14,232
1989.....	1,240	1,200	1,290	1,280	1,310	1,180	1,155	1,135	1,105	1,145	1,125	1,160	14,324
						Total Milk Production (Million Pounds)							
1965.....	601	554	650	647	706	642	584	573	559	569	547	574	7,206
1970.....	587	543	620	622	664	624	598	583	579	589	543	572	7,124
1975.....	568	539	613	624	671	637	596	594	578	577	555	588	7,140
1980.....	687	684	706	694	751	726	707	701	700	711	711	718	8,496
1983.....	782	752	792	774	847	822	803	797	786	789	785	781	9,510
1984.....	792	791	781	768	840	814	800	782	770	775	753	757	9,423
1985.....	779	757	801	793	893	865	858	847	827	858	842	863	9,983
1986.....	856	791	841	832	913	878	867	851	822	838	823	840	10,152
1987.....	853	808	866	847	912	866	857	846	815	840	826	847	10,183
1988.....	858	828	865	847	906	844	844	839	828	848	834	863	10,204
1989.....	887	852	908	890	910	814	799	791	768	793	781	805	9,998
						Wholesale Milk Price (Dollars Per Cwt.)							
1965.....	4.96	4.87	4.75	4.53	4.31	4.31	4.62	4.75	5.01	5.11	5.23	5.14	4.79
1970.....	6.44	6.39	6.31	6.37	6.19	6.15	6.24	6.31	6.47	6.65	6.73	6.77	6.42
1975.....	8.87	8.85	8.65	8.60	8.49	8.43	8.63	9.33	9.80	10.20	10.50	10.80	9.25
1980.....	13.40	13.40	13.30	13.20	13.10	13.00	13.10	13.40	13.80	14.30	14.50	14.80	13.60
1983.....	14.30	14.20	14.10	14.10	13.70	13.50	13.70	13.80	13.90	14.40	14.50	14.20	14.00
1984.....	14.20	13.90	13.90	13.70	13.30	13.30	13.40	13.60	14.10	14.40	14.70	14.30	13.90
1985.....	14.30	14.00	13.70	13.30	12.90	12.50	12.50	12.50	12.50	12.90	12.90	12.90	13.10
1986.....	13.00	12.90	12.60	12.40	12.30	12.20	12.40	12.60	13.10	13.50	13.80	14.00	12.90
1987.....	13.80	13.50	13.10	12.70	12.30	12.30	12.50	12.80	13.40	13.80	13.80	13.50	13.10
1988.....	13.30	13.10	12.70	12.40	12.10	12.10	12.30	12.70	13.50	14.00	14.50	14.70	13.10
1989.....	14.60	14.20	13.80	13.30	13.20	13.30	13.60	14.20	14.90	15.80	16.50	17.10	14.50

PENNSYLVANIA: MILK USED AND MARKETED BY FARMERS, 1965-1989

Year	Production of Milk & Milkfat 2/			Milk Used on Farms Where Produced			Milk Marketed by Farmers			
							Sold to Plants & Dealers		Sold Directly To Consumers 4/	Total
	Milk	Milkfat	Butterfat %	Fed To Calves	Used For Milk, Cream and Butter	Total	As Whole Milk	As Separated Cream 3/		
					Million Pounds					
1965.....	7,206	269	3.73	70	161	231	6,760	35	180	6,975
1970.....	7,124	266	3.73	54	126	180	6,725	18	201	6,944
1975.....	7,140	265	3.71	41	90	131	6,705	15	289	7,009
1980.....	8,496	315	3.71	60	42	102	7,930	-	464	8,394
1983.....	9,510	348	3.66	86	57	143	9,015	-	352	9,367
1984.....	9,423	347	3.68	104	47	151	8,995	-	277	9,272
1985.....	9,983	365	3.66	80	50	130	9,555	-	298	9,853
1986.....	10,152	373	3.67	81	41	122	9,730	-	300	10,030
1987.....	10,183	374	3.67	76	41	117	9,770	-	296	10,066
1988.....	10,204	378	3.70	74	40	114	9,810	-	280	10,090
1989.....	9,998	369	3.69	72	39	111	9,630	-	257	9,887

1/ Average number in milking herds. 2/ Excludes milk sucked by calves. 3/ Total milk separated on farms for cream sales to plants and dealers. 4/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

PENNSYLVANIA: AVERAGE NUMBER OF MILK COWS, PRODUCTION AND VALUE OF PRODUCTION, 1989

County & District	Average Number of Milk Cows	Production 1/		Value of Production 2/
		Per Cow	Total	
	Number	Pounds	(000) Lbs.	(000) Dols.
Crawford	21,400	14,200	303,880	44,644
Erie	16,300	13,400	218,420	32,089
Forest	300	11,900	3,570	524
Mercer	12,300	14,400	177,120	26,021
Venango	2,400	12,600	30,240	4,443
Warren	6,300	13,600	85,680	12,588
NORTHWESTERN, TOTAL	**59,000**	**13,880**	**818,910**	**120,309**
Bradford	39,900	13,500	538,650	79,135
Cameron	100	12,000	1,200	176
Clinton	4,300	12,100	52,030	7,644
Elk	700	12,700	8,890	1,306
Lycoming	8,300	13,400	111,220	16,340
McKean	1,900	13,700	26,030	3,824
Potter	6,500	14,700	95,550	14,038
Sullivan	2,700	14,200	38,340	5,633
Tioga	20,100	13,200	265,320	38,979
NORTH CENTRAL, TOTAL	**84,500**	**13,458**	**1,137,230**	**167,075**
Lackawanna	3,000	13,100	39,300	5,774
Susquehanna	19,500	13,600	265,200	38,961
Wayne	15,500	13,100	203,050	29,831
Wyoming	6,500	13,900	90,350	13,274
NORTHEASTERN, TOTAL	**44,500**	**13,436**	**597,900**	**87,840**
Armstrong	4,800	13,400	64,320	9,449
Beaver	4,100	12,400	50,840	7,469
Butler	6,900	13,300	91,770	13,482
Clarion	5,300	14,000	74,200	10,901
Indiana	9,100	13,500	122,850	18,048
Jefferson	4,400	12,600	55,440	8,145
Lawrence	8,400	13,700	115,080	16,907
WEST CENTRAL, TOTAL	**43,000**	**13,360**	**574,500**	**84,401**
Blair	14,700	14,500	213,150	31,315
Cambria	2,800	13,800	38,640	5,677
Centre	13,800	15,300	211,140	31,019
Clearfield	3,000	13,500	40,500	5,950
Columbia	3,900	14,100	54,990	8,079
Dauphin	7,000	14,600	102,200	15,015
Huntingdon	12,800	13,400	171,520	25,199
Juniata	9,000	14,600	131,400	19,304
Mifflin	15,500	15,100	234,050	34,385
Montour	2,400	14,300	34,320	5,042
Northumberland	4,600	14,800	68,080	10,002
Perry	8,400	16,000	134,400	19,745
Snyder	8,200	13,500	110,700	16,263
Union	7,400	14,800	109,520	16,090
CENTRAL, TOTAL	**113,500**	**14,578**	**1,654,610**	**243,085**
Carbon	400	12,100	4,840	711
Lehigh	1,900	14,000	26,600	3,908
Luzerne	3,100	12,200	37,820	5,556
Monroe	600	12,800	7,680	1,128
Northampton	6,300	13,900	87,570	12,865
Pike	100	13,600	1,360	200
Schuylkill	3,100	13,600	42,160	6,194
EAST CENTRAL, TOTAL	**15,500**	**13,421**	**208,030**	**30,562**
Allegheny	900	12,500	11,250	1,653
Fayette	4,600	13,300	61,180	8,988
Greene	1,700	12,600	21,420	3,147
Somerset	19,500	14,000	273,000	40,107
Washington	9,400	12,500	117,500	17,262
Westmoreland	10,400	13,400	139,360	20,474
SOUTHWESTERN, TOTAL	**46,500**	**13,413**	**623,710**	**91,631**
Adams	9,000	14,500	130,500	19,172
Bedford	20,000	13,300	266,000	39,079
Cumberland	21,300	14,800	315,240	46,313
Franklin	41,900	15,400	645,260	94,797
Fulton	5,800	14,000	81,200	11,929
York	14,500	14,500	210,250	30,889
SOUTH CENTRAL, TOTAL	**112,500**	**14,653**	**1,648,450**	**242,179**
Berks	26,500	15,000	397,500	58,398
Bucks	4,700	14,300	67,210	9,874
Chester	25,100	15,300	384,030	56,419
Delaware	300	15,000	4,500	661
Lancaster	97,000	15,500	1,503,500	220,883
Lebanon	21,000	15,000	315,000	46,278
Montgomery	4,400	14,300	62,920	9,244
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**179,000**	**15,277**	**2,734,660**	**401,758**
PENNSYLVANIA	**698,000**	**14,324**	**9,998,000**	**1,468,839**

1/ Excludes milk sucked by calves. 2/ Valued at average returns per 100 pounds of milk combined marketings of milk and cream. Includes value of milk fed to calves.

MANUFACTURED DAIRY PRODUCTS - 1989

BY GLENN A. STRASBURG

ICE CREAM PRODUCTION DROPS SIXTEEN PERCENT: Pennsylvania manufacturers produced 73.6 million gallons of ice cream in 1989, second nationally to California's 107.8 million gallons. Ice milk production totaled 23.1 million gallons, up 11 percent from 1988. Milk sherbet production at 4.6 million gallons registered a 9 percent decrease from the previous year.

BUTTER PRODUCTION - THIRTEEN PERCENT INCREASE: The state's processors churned out 67.2 million pounds of butter during 1989. Creamed cottage cheese production at 27.3 million pounds dropped 31 percent, and curd cottage cheese output at 34.8 million pounds was 21 percent less than 1988.

PRODUCTION OF CHEESE DOWN SLIGHTLY: Production of all cheese (excluding cottage cheese), totaled 220.6 million pounds in 1989. Production of mozzarella and similar cheeses at 143.5 million pounds was up 4 percent; however, production of all types of Italian cheeses increased less than 1 percent to 180.3 million pounds. Swiss Cheese production decreased 9 percent to 6.0 million pounds in 1989.

MANUFACTURED DAIRY PRODUCTS USE OF MILK INCREASES 16 PERCENT: A total of 4.55 billion pounds of milk (on a whole milk basis) was used to manufacture dairy products during 1989. Butter accounted for 33 percent of this total; frozen products, 27 percent; cheese and other dairy products used 40 percent.

PENNSYLVANIA: SPECIFIED DAIRY PRODUCTS MANUFACTURED, 1989 1/

Product	Plants	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	Number	(000) Pounds												
Butter	8	6,327	6,346	7,939	7,911	6,818	3,758	2,799	3,789	3,995	5,730	5,639	6,197	67,248
Swiss Cheese	4	541	493	576	545	597	726	511	487	409	391	301	373	5,950
Italian, All	13	17,159	14,681	18,823	18,187	17,061	17,045	14,151	11,631	11,822	13,146	11,997	14,572	180,275
Mozzarella & Similars	11	13,857	12,558	15,028	15,231	13,540	13,846	11,386	8,478	9,110	9,933	8,830	11,693	143,490
Other Italian	12	3,302	2,123	3,795	2,956	3,521	3,199	2,765	3,153	2,712	3,213	3,167	2,879	36,785
Cheese, Total	27	20,562	17,501	22,705	21,465	20,262	21,110	17,169	14,728	14,809	16,972	15,627	17,654	220,564
Cottage Cheese:														
Curd	7	2,629	2,953	3,198	2,965	3,171	3,179	2,799	2,798	2,950	2,973	2,423	2,738	34,776
Creamed	7	2,329	2,410	2,371	2,152	2,396	2,365	2,175	2,417	2,303	2,268	2,052	2,064	27,302
		(000) Gallons												
Ice Cream, Total	-	5,859	5,249	6,074	4,935	6,614	7,500	6,513	6,986	6,318	5,601	6,033	5,901	73,583
Hard	58	5,334	4,779	5,528	4,472	5,999	6,760	5,808	6,295	5,710	5,069	5,508	5,417	66,679
Ice Milk, Total	-	1,440	1,484	2,087	1,610	2,219	2,370	2,550	2,642	2,035	1,302	1,727	1,599	23,065
Soft	-	829	844	1,357	1,161	1,492	1,508	1,703	1,688	1,312	905	1,206	1,070	15,075
Milk Sherbet	-	315	423	382	428	420	546	492	397	402	219	302	319	4,645
Mix, Ice Cream	46	2,926	2,614	3,034	2,571	3,425	4,123	3,933	3,841	3,362	2,952	2,924	2,691	38,396
Mix, Ice Milk	31	613	633	1,015	867	1,110	1,120	1,268	1,257	976	679	897	800	11,235
Mix, Milk Sherbet	29	191	238	236	288	302	388	288	246	219	162	194	204	2,956
Water Ices	13	135	171	191	249	283	308	328	279	156	125	94	89	2,408

1/ Production not shown when less than 3 plants or individual plant operations might be disclosed.

PENNSYLVANIA: DAIRY PRODUCTS MANUFACTURED, 1975-1989

Manufactured Products	1975	1980	1984	1985	1986	1987	1988	1989
				(000) Pounds				
Butter	25,543	59,172	63,152	64,230	68,215	57,232	59,720	67,248
Swiss Cheese	11,839	6,969	5,995	8,173	8,277	5,775	6,543	5,950
Italian Cheese, All	20,763	41,476	131,831	151,645	167,312	171,850	179,403	180,275
Mozzarella & Similars	12,967	24,912	100,748	119,332	130,600	134,293	138,622	143,490
Other Italian	7,796	16,564	31,083	32,313	36,712	37,557	40,781	36,785
Total Cheese	67,985	101,262	202,711	221,595	227,898	223,444	223,161	220,564
Cottage Cheese:								
Curd	41,890	38,729	41,534	40,377	38,795	42,683	43,846	34,776
Creamed	49,035	45,408	38,419	35,352	34,016	38,034	39,598	27,302
				(000) Gallons				
Ice Cream, Total	72,976	79,939	80,250	84,275	88,413	90,297	87,308	73,583
Hard	67,839	75,482	76,675	80,013	83,320	84,222	81,759	66,679
Ice Milk, Total	16,817	15,187	14,901	15,020	16,117	17,737	20,838	23,065
Soft	9,660	9,881	10,728	10,961	11,786	12,920	13,922	15,075
Milk Sherbet	2,956	3,562	3,845	3,941	3,490	3,727	5,093	4,645
Mix, Ice Cream	37,495	41,001	42,071	44,518	47,121	47,265	45,724	38,396
Ice Milk	8,760	7,045	7,434	7,292	7,673	9,065	10,136	11,235
Milk Sherbet	1,903	2,309	2,588	2,667	2,391	2,606	3,530	2,956
Water Ices	2,674	2,164	1,975	2,368	2,619	2,605	2,422	2,408

1/ Production for some products not shown when less than 3 plants or individual plant operations might be disclosed.

PENNSYLVANIA: RANK AMONG STATES IN MANUFACTURED DAIRY PRODUCTS, 1989

Item	1	2	3	4	5	6	7	8	9	10
Butter	Wisc.	Calif.	Minn.	**PA.**	Mich.	N.Y.	Kans.	Okla.	Oreg.	Mo.
All Cheese	Wisc.	Minn.	Calif.	N.Y.	Iowa	**PA.**	Mo.	Idaho	S. Dak.	Ill.
Italian Cheese, Total	Wisc.	Calif.	N.Y.	**PA.**	S. Dak.	Wash.	Minn.	Ill.	--	--
Creamed Cottage Cheese	N.Y.	Calif.	Ill.	Ohio	Wisc.	**PA.**	Ind.	Wash.	Ky.	Mich.
Ice Cream, Total	Calif.	**PA.**	N.Y.	Texas	Minn.	Mass.	N.C.	Ohio	Fla.	Mich.
Ice Milk, Total	Calif.	**PA.**	Texas	Ill.	Minn.	Fla.	Ind.	Ohio	Mich.	N.Y.
Milk Sherbet	Calif.	**PA.**	Iowa	Fla.	Ohio	N.Y.	Ala.	Minn.	Texas	Ind.
Total Frozen Products	Calif.	**PA.**	Texas	N.Y.	Minn.	Fla.	Mass.	Ohio	Ill.	N.C.
Whole Milk In Manufactured Milk Products	Wisc.	Calif.	Minn.	N.Y.	**PA.**	Wash.	Iowa	Mo.	Texas	Idaho

LIVESTOCK INVENTORY & PRODUCTION - 1989

By MARK E. HUDSON

The total value of all cattle, hogs, and sheep on Pennsylvania farms at the end of 1989 was $1.50 billion, up 8 percent from the previous year. Cattle inventory was valued at over $1.41 billion on January 1, 1990, accounting for 94 percent of the total value of all livestock in Pennsylvania. Sheep inventory, valued at $10.7 million, accounted for less than 1 percent of the total. Hog inventory, valued at $79.0 million on December 1, 1989, accounted for 5 percent of the total livestock inventory value at the end of 1989.

CATTLE: All cattle in Pennsylvania totaled 1,890,000 head on January 1, 1990, down 1 percent from January 1, 1989. Of the total, 890,000 were cows and heifers that had calved. Milk cow inventory totaled 694,000, down 3 percent from one year earlier, while the number of beef cows remained at 196,000 head. Heifers 500 pounds and over totaled 385,000, up 1 percent from the inventory on January 1, 1989. There were 295,000 heifers for dairy replacement and 42,000 for beef cow replacement. Steers 500 pounds and over totaled 210,000. A total of 32,000 bulls 500 pounds and over were on hand. Calves under 500 pounds totaled 373,000. The 1989 Pennsylvania calf crop totaled 820,000 head, 5 percent less than the 1988 calf crop.

The total value of beef production was $382.8 million in 1989, up 4 percent from the previous year. There were 40,000 Pennsylvania farms having cattle during 1989, down 2,000 from a year earlier. Farms with milk cows decreased 1,000 from 1988 to 16,500.

Pennsylvania ranked 17th in the United States in cattle inventory on January 1, 1990, and 5th in milk cow inventory.

HOGS: There were 975,000 hogs and pigs on Pennsylvania farms as of December 1, 1989, up 1 percent from the previous year. Breeding hog inventory, at 110,000 head, was 5 percent above the previous year. A total of 865,000 market hogs and pigs were on hand as of December 1, 1989, unchanged from 1988.

Pennsylvania's pig crop in 1989 totaled 1,400,000, up 10 percent from 1988. A total of 171,000 sows farrowed in 1989, averaging 8.2 pigs per litter.

Pork production was valued at $140.5 million for 1989, 13 percent more than in 1988. Hog farmers numbered 8,500 in 1989, down 1,000 from the previous year.

Pennsylvania's hog inventory was tied with Kentucky at 14th in the United States on December 1, 1989.

SHEEP: January 1, 1990 sheep and lamb inventory totaled 134,000 head, unchanged from January 1, 1989. Commonwealth flocks included 105,000 sheep one year old and older and 29,000 lambs under 1 year old. Ewes one year old and over totaled 95,000 head, and ewe lambs totaled 20,000.

The total lamb crop for 1989 was 98,000 lambs, 15 percent more than in 1988. Wool production totaled 750,000 pounds from 105,000 sheep shorn during 1989.

Sheep production in 1989 was valued at $4.7 million, up 11 percent from 1988. The value of wool produced during the year was $563,000, down 4 percent from 1988. Sheep farms numbered 4,000, unchanged from 1988.

Pennsylvania ranked 21st in the United States in sheep and lamb inventory as of January 1, 1990.

RED MEAT PRODUCTION: Pennsylvania red meat production in commercial slaughter establishments totaled 1.02 billion pounds, up 6 percent from 1988. There were 267 commercial slaughter plants in Pennsylvania on January 1, 1990, 9 fewer than on January 1, 1989.

Commercial cattle slaughter totaled 992,900 head in 1989, 1 percent more than the previous year. Total liveweight for cattle slaughtered was 1.20 billion pounds. Average liveweight was up 15 pounds from 1987 to 1,206 pounds. Slaughter of calves weighing less than 500 pounds liveweight totaled 258,500 head, down 6 percent from 1988. Total liveweight for calves slaughtered was 47,946,000 pounds. The average liveweight for calves, at 185 pounds, was up 12 pounds from 1988.

A total of 1,981,900 hogs were slaughtered during 1989, up 18 percent from 1988. Total liveweight for hogs and pigs slaughtered was 461,009,000 pounds for an average liveweight of 233 pounds, down 1 pound from 1988.

Sheep and lamb slaughter, at 103,600 head, was 3 percent above the previous year. Total liveweight for sheep and lambs slaughtered was 10,844,000 pounds. Sheep slaughtered averaged 105 pounds liveweight, down 3 pounds from the previous year.

Pennsylvania ranked 11th among all states in commercial red meat production in 1989. Pennsylvania's rankings by number of head slaughtered were: 10th for cattle, 3rd for calves, 15th for hogs, and 11th for sheep.

PENNSYLVANIA: LIVESTOCK AND POULTRY INVENTORY, 1984-1990

Specie & Class	Number On Farms December 1					
	1984	1985	1986	1987	1988	1989
	(000)					
Hogs And Pigs	800	780	890	900	970	975
Kept For Breeding	90	85	95	95	105	110
Market Hogs And Pigs	710	695	795	805	865	865
Under 60 Pounds	316	278	294	298	305	310
60-119 Pounds	140	163	207	202	229	225
120-179 Pounds	131	134	159	165	185	180
180 Pounds And Over	123	120	135	140	146	150
Chickens, Excluding Broilers	22,500	22,100	23,400	25,250	24,400	23,800
Hens And Pullets Of Laying Age	18,500	18,400	18,600	19,800	20,000	19,450
Hens 1 Year Old And Older	5,000	8,300	6,100	7,600	6,700	6,200
Pullets Of Laying Age	13,500	10,100	12,500	12,200	13,300	13,250
Pullets Not Of Laying Age	3,800	3,520	4,650	5,320	4,270	4,220
3 Months Old And Older	1,880	1,710	2,250	2,400	1,560	1,950
Under 3 Months Old	1,920	1,810	2,400	2,920	2,710	2,270
Other Chickens, Excluding Broilers	200	180	150	130	130	130

Specie & Class	Number On Farms January 1					
	1985	1986	1987	1988	1989	1990
	(000)					
Cattle And Calves	1,960	1,960	1,950	1,890	1,900	1,890
Cows And Heifers That Have Calved	925	937	942	900	915	890
Milk Cows	735	747	730	724	719	694
Beef Cows	190	190	212	176	196	196
Heifers 500 Pounds And Over	394	376	386	379	380	385
Milk Cow Replacement	310	290	294	292	290	295
Beef Cow Replacement	41	37	40	39	39	42
Other	43	49	52	48	51	48
Steers 500 Pounds And Over	230	225	211	197	194	210
Bulls 500 Pounds And Over	33	29	30	30	31	32
Heifer, Steer, And Bull Calves Under 500 Pounds	378	393	381	384	380	373
Cattle And Calves On Feed	85	85	80	75	75	80
Sheep And Lambs	88	93	104	110	134	134
Lambs	16	19	25	27	33	29
Ewes	12	14	18	19	22	20
Rams And Wethers	4	5	7	8	11	9
Sheep 1 Year Old And Older	72	74	79	83	101	105
Ewes	67	68	73	76	91	95
Rams And Wethers	5	6	6	7	10	10

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, JANUARY 1, 1965-1990

Year	Hogs & Pigs 1/		Cattle & Calves		Sheep & Lambs		3 Species
	Number	Value	Number	Value	Number	Value	Value
			(000)				
1965.....	424	$18,020	1,874	$ 335,446	189	$ 2,778	$ 348,917
1970.....	570	21,204	1,781	445,250	165	3,548	470,002
1975.....	590	27,435	1,960	529,200	125	3,500	560,135
1980.....	870	50,460	1,950	1,423,500	105	6,405	1,480,365
1983.....	870	66,990	2,000	1,290,000	98	6,223	1,363,213
1984.....	950	59,375	1,970	1,162,300	104	6,656	1,228,331
1985.....	800	63,200	1,960	1,127,000	88	5,896	1,196,096
1986.....	780	60,060	1,960	1,029,000	93	7,812	1,096,872
1987.....	890	88,110	1,950	1,072,500	104	7,852	1,168,462
1988.....	900	67,950	1,890	1,266,300	110	9,900	1,334,250
1989.....	970	68,385	1,900	1,311,000	134	10,117	1,389,502
1990.....	975	78,975	1,890	1,408,050	134	10,653	1,497,678

1/ December 1 preceding year shown, 1970 to date.

PENNSYLVANIA: PIG CROP, 1965-1989

Year	Spring Crop (December-May)			Fall Crop (June-November)			Total Pig Crop
	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved	
1965.....	42,000	7.5	315,000	38,000	7.8	296,000	611,000
1970.....	57,000	7.5	428,000	56,000	7.6	426,000	854,000
1975.....	63,000	7.7	485,000	49,000	7.9	387,000	872,000
1980.....	87,000	7.5	653,000	85,000	7.4	629,000	1,282,000
1983.....	80,000	8.0	640,000	82,000	8.0	656,000	1,296,000
1984.....	77,000	8.0	616,000	68,000	8.0	544,000	1,160,000
1985.....	68,000	7.8	530,000	66,000	8.2	541,000	1,071,000
1986.....	72,000	7.5	540,000	78,000	8.0	624,000	1,164,000
1987.....	85,000	8.0	680,000	77,000	8.2	631,000	1,311,000
1988.....	72,000	8.4	605,000	81,000	8.2	668,000	1,273,000
1989.....	85,000	8.2	697,000	86,000	8.2	703,000	1,400,000

PENNSYLVANIA: CALF CROP, 1965-1989

Year	All Cows That Have Calved 1/		Heifers 500 Pounds And Over 1/		Calves Under 500 Pounds 1/	Calves Born
	Milk Cows	Beef Cows	Milk Cow Replacement	Beef Cow Replacement		
			(000)			
1965 2/.....	929	104	223	42	326	888
1970.....	712	145	210	35	306	831
1975.....	686	176	236	49	417	800
1980.....	712	198	266	46	398	800
1983.....	738	212	298	48	388	820
1984.....	738	198	290	39	382	830
1985.....	735	190	310	41	378	840
1986.....	747	190	290	37	393	880
1987.....	730	212	294	40	381	840
1988.....	724	176	292	39	384	860
1989.....	719	196	290	39	380	820

1/ January 1 inventory. 2/ Prior to 1970, cattle were estimated by age.

PENNSYLVANIA: LAMB AND WOOL CROPS, 1965-1989

Year	Breeding Ewes 1 Year & Older January 1	Lambs Saved Per 100 Ewes 1+ January 1	Lambs Saved	Sheep Shorn	Weight Per Fleece	Wool Production	Value Of Wool Production
	(000)		(000)	(000)	Pounds	(000) Pounds	(000)
1965.....	133	102	136	174	7.6	1,322	$740
1970.....	122	101	123	152	7.3	1,110	477
1975.....	94	106	100	115	7.0	805	314
1980.....	78	106	83	98	6.9	676	527
1983.....	75	107	80	95	6.8	646	291
1984.....	77	104	80	97	6.7	650	455
1985.....	67	112	75	85	6.7	570	285
1986.....	68	116	79	99	6.9	683	423
1987.....	73	103	75	105	6.5	680	449
1988.....	76	112	85	104	6.5	681	586
1989.....	91	108	98	105	7.1	750	563

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, 1989-1990

County & District	Number & Value Dec. 1, 1989		Number & Value January 1, 1990				All Livestock
	Hogs & Pigs		Cattle & Calves		Sheep & Lambs		
	Head	Value	Head	Value	Head	Value	Value
Crawford	4,300	348,300	48,500	36,132,500	1,500	119,250	36,600,050
Erie	1,300	105,300	34,800	25,926,000	650	51,675	26,082,975
Forest	300	24,300	900	670,500	50	3,975	698,775
Mercer	5,600	453,600	36,800	27,416,000	4,700	373,650	28,243,250
Venango	2,000	162,000	11,000	8,195,000	2,200	174,900	8,531,900
Warren	500	40,500	16,000	11,920,000	2,100	166,950	12,127,450
NORTHWESTERN, TOTAL	**14,000**	**1,134,000**	**148,000**	**110,260,000**	**11,200**	**890,400**	**112,284,400**
Bradford	3,600	291,600	100,000	74,500,000	6,000	477,000	75,268,600
Cameron	100	8,100	400	298,000	100	7,950	314,050
Clinton	3,800	307,800	12,200	9,089,000	150	11,925	9,408,725
Elk	200	16,200	2,600	1,937,000	200	15,900	1,969,100
Lycoming	5,000	405,000	26,500	19,742,500	1,000	79,500	20,227,000
McKean	400	32,400	6,000	4,470,000	400	31,800	4,534,200
Potter	100	8,100	16,200	12,069,000	2,300	182,850	12,259,950
Sullivan	200	16,200	7,300	5,438,500	850	67,575	5,522,275
Tioga	4,100	332,100	49,800	37,101,000	3,500	278,250	37,711,350
NORTH CENTRAL, TOTAL	**17,500**	**1,417,500**	**221,000**	**164,645,000**	**14,500**	**1,152,750**	**167,215,250**
Lackawanna	200	16,200	9,000	6,705,000	400	31,800	6,753,000
Susquehanna	2,400	194,400	43,700	32,556,500	1,900	151,050	32,901,950
Wayne	900	72,900	29,100	21,679,500	1,200	95,400	21,847,800
Wyoming	500	40,500	15,200	11,324,000	700	55,650	11,420,150
NORTHEASTERN, TOTAL	**4,000**	**324,000**	**97,000**	**72,265,000**	**4,200**	**333,900**	**72,922,900**
Armstrong	5,700	461,700	18,900	14,080,500	1,700	135,150	14,677,350
Beaver	2,000	162,000	11,700	8,716,500	1,500	119,250	8,997,750
Butler	6,100	494,100	27,100	20,189,500	4,200	333,900	21,017,500
Clarion	2,400	194,400	15,600	11,622,000	1,000	79,500	11,895,900
Indiana	13,000	1,053,000	27,600	20,562,000	2,300	182,850	21,797,850
Jefferson	1,300	105,300	15,200	11,324,000	2,000	159,000	11,588,300
Lawrence	6,000	486,000	22,900	17,060,500	2,700	214,650	17,761,150
WEST CENTRAL, TOTAL	**36,500**	**2,956,500**	**139,000**	**103,555,000**	**15,400**	**1,224,300**	**107,735,800**
Blair	4,900	396,900	28,900	21,530,500	900	71,550	21,998,950
Cambria	4,000	324,000	12,500	9,312,500	500	39,750	9,676,250
Centre	8,800	712,800	34,200	25,479,000	2,400	190,800	26,382,600
Clearfield	1,100	89,100	10,200	7,599,000	400	31,800	7,719,900
Columbia	9,000	729,000	14,600	10,877,000	700	55,650	11,661,650
Dauphin	15,000	1,215,000	21,000	15,645,000	2,500	198,750	17,058,750
Huntingdon	5,600	453,600	28,900	21,530,500	2,100	166,950	22,151,050
Juniata	14,000	1,134,000	20,000	14,900,000	1,300	103,350	16,137,350
Mifflin	8,800	712,800	28,800	21,456,000	1,100	87,450	22,256,250
Montour	6,300	510,300	6,700	4,991,500	300	23,850	5,525,650
Northumberland	34,500	2,794,500	19,400	14,453,000	1,500	119,250	17,366,750
Perry	12,000	972,000	22,800	16,986,000	1,200	95,400	18,053,400
Snyder	20,000	1,620,000	20,200	15,049,000	1,300	103,350	16,772,350
Union	12,000	972,000	20,800	15,496,000	500	39,750	16,507,750
CENTRAL, TOTAL	**156,000**	**12,636,000**	**289,000**	**215,305,000**	**16,700**	**1,327,650**	**229,268,650**
Carbon	1,400	113,400	1,500	1,117,500	300	23,850	1,254,750
Lehigh	10,200	826,200	5,800	4,321,000	1,000	79,500	5,226,700
Luzerne	2,000	162,000	7,600	5,662,000	600	47,700	5,871,700
Monroe	1,700	137,700	2,100	1,564,500	300	23,850	1,726,050
Northampton	5,400	437,400	15,500	11,547,500	750	59,625	12,044,525
Pike	100	8,100	500	372,500	50	3,975	384,575
Schuylkill	19,700	1,595,700	12,000	8,940,000	1,600	127,200	10,662,900
EAST CENTRAL, TOTAL	**40,500**	**3,280,500**	**45,000**	**33,525,000**	**4,600**	**365,700**	**37,171,200**
Allegheny	1,100	89,100	6,200	4,619,000	1,400	111,300	4,819,400
Fayette	3,200	259,200	21,400	15,943,000	900	71,550	16,273,750
Greene	900	72,900	18,700	13,931,500	11,300	898,350	14,902,750
Somerset	11,500	931,500	49,000	36,505,000	3,700	294,150	37,730,650
Washington	5,000	405,000	43,400	32,333,000	10,200	810,900	33,548,900
Westmoreland	7,800	631,800	34,300	25,553,500	3,200	254,400	26,439,700
SOUTHWESTERN, TOTAL	**29,500**	**2,389,500**	**173,000**	**128,885,000**	**30,700**	**2,440,650**	**133,715,150**
Adams	24,900	2,016,900	31,600	23,542,000	3,400	270,300	25,829,200
Bedford	9,600	777,600	51,200	38,144,000	1,900	151,050	39,072,650
Cumberland	26,000	2,106,000	50,000	37,250,000	1,800	143,100	39,499,100
Franklin	50,000	4,050,000	92,500	68,912,500	2,400	190,800	73,153,300
Fulton	8,500	688,500	16,800	12,516,000	700	55,650	13,260,150
York	62,000	5,022,000	52,900	39,410,500	4,500	357,750	44,790,250
SOUTH CENTRAL, TOTAL	**181,000**	**14,661,000**	**295,000**	**219,775,000**	**14,700**	**1,168,650**	**235,604,650**
Berks	56,600	4,584,600	76,000	56,620,000	3,800	302,100	61,506,700
Bucks	4,700	380,700	13,600	10,132,000	1,900	151,050	10,663,750
Chester	11,700	947,700	65,000	48,425,000	3,600	286,200	49,658,900
Delaware	500	40,500	1,100	819,500	500	39,750	899,750
Lancaster	358,000	28,998,000	264,000	196,680,000	9,000	715,500	226,393,500
Lebanon	52,500	4,252,500	50,300	37,473,500	2,200	174,900	41,900,900
Montgomery	12,000	972,000	13,000	9,685,000	1,000	79,500	10,736,500
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**496,000**	**40,176,000**	**483,000**	**359,835,000**	**22,000**	**1,749,000**	**401,760,000**
PENNSYLVANIA	**975,000**	**78,975,000**	**1,890,000**	**1,408,050,000**	**134,000**	**10,653,000**	**1,497,678,000**

PENNSYLVANIA: ALL CATTLE AND CALVES ON FARMS, JANUARY 1, 1985-1989

County & District	1985	1986	1987	1988	1989
Crawford	54,200	54,700	51,600	51,000	49,700
Erie	40,100	39,300	37,100	35,500	35,400
Forest	1,400	1,300	1,200	1,100	1,100
Mercer	36,800	37,000	37,300	36,200	36,500
Venango	12,100	11,400	12,000	11,700	10,500
Warren	15,400	16,300	17,800	16,500	16,800
NORTHWESTERN, TOTAL	**160,000**	**160,000**	**157,000**	**152,000**	**150,000**
Bradford	92,000	95,500	94,000	99,000	100,000
Cameron	400	400	400	400	400
Clinton	12,500	12,700	13,000	12,000	12,000
Elk	3,000	3,000	2,900	2,700	2,700
Lycoming	27,000	26,000	29,000	27,400	25,300
McKean	6,500	6,700	6,600	5,500	5,900
Potter	17,100	16,800	17,600	16,500	16,000
Sullivan	7,800	7,800	7,600	7,500	7,400
Tioga	49,700	49,100	49,900	48,000	49,300
NORTH CENTRAL, TOTAL	**216,000**	**218,000**	**221,000**	**219,000**	**219,000**
Lackawanna	10,100	9,300	9,000	8,000	8,500
Susquehanna	45,400	46,000	45,000	43,000	44,600
Wayne	32,400	33,200	31,000	30,000	30,500
Wyoming	17,100	17,500	16,000	15,000	14,400
NORTHEASTERN, TOTAL	**105,000**	**106,000**	**101,000**	**96,000**	**98,000**
Armstrong	20,200	20,200	19,400	18,800	18,500
Beaver	11,800	11,500	12,000	11,600	11,500
Butler	27,700	28,000	27,600	27,200	27,400
Clarion	18,300	18,800	17,500	17,700	16,500
Indiana	27,700	28,500	28,100	28,000	27,100
Jefferson	15,700	16,000	16,200	15,000	15,200
Lawrence	24,600	24,000	24,200	23,700	23,800
WEST CENTRAL, TOTAL	**146,000**	**147,000**	**145,000**	**142,000**	**140,000**
Blair	30,400	30,000	29,100	29,800	29,800
Cambria	12,700	13,000	12,800	12,600	11,900
Centre	34,400	35,000	35,700	35,800	35,900
Clearfield	10,100	9,500	9,000	9,600	10,000
Columbia	15,800	15,000	14,900	14,500	14,000
Dauphin	26,400	24,600	24,700	22,800	23,500
Huntingdon	28,900	29,400	29,600	29,600	30,900
Juniata	21,700	22,300	21,600	21,700	21,200
Mifflin	28,700	29,700	29,400	29,800	30,600
Montour	8,000	7,700	8,200	7,500	7,900
Northumberland	18,900	19,500	19,600	19,000	18,100
Perry	23,300	23,800	23,000	21,900	22,500
Snyder	20,600	22,000	20,600	21,600	20,500
Union	20,100	21,500	20,800	20,800	21,200
CENTRAL, TOTAL	**300,000**	**303,000**	**299,000**	**297,000**	**298,000**
Carbon	1,600	1,700	1,600	1,500	1,500
Lehigh	6,000	5,900	5,800	5,700	6,200
Luzerne	9,600	8,700	8,500	7,900	7,500
Monroe	3,100	3,000	3,400	2,600	2,500
Northampton	17,700	16,400	16,800	15,100	16,300
Pike	600	500	500	500	500
Schuylkill	13,400	12,800	12,400	11,700	12,500
EAST CENTRAL, TOTAL	**52,000**	**49,000**	**49,000**	**45,000**	**47,000**
Allegheny	5,500	6,000	5,600	5,900	6,000
Fayette	21,800	23,000	21,200	21,000	20,700
Greene	22,000	20,200	19,200	18,900	19,100
Somerset	50,100	51,600	50,800	50,300	50,000
Washington	44,400	45,600	44,900	42,800	44,700
Westmoreland	36,200	34,600	35,300	34,100	33,500
SOUTHWESTERN, TOTAL	**180,000**	**181,000**	**177,000**	**173,000**	**174,000**
Adams	34,300	33,600	34,100	31,800	30,800
Bedford	52,000	52,700	51,600	49,700	50,600
Cumberland	51,100	48,700	48,600	46,800	48,800
Franklin	91,700	93,000	97,500	92,000	95,000
Fulton	18,400	17,500	18,200	17,000	17,500
York	55,500	54,500	55,000	50,700	52,300
SOUTH CENTRAL, TOTAL	**303,000**	**300,000**	**305,000**	**288,000**	**295,000**
Berks	77,700	77,500	76,000	74,500	75,100
Bucks	17,800	17,500	16,000	14,800	14,500
Chester	64,000	65,500	64,700	61,000	62,900
Delaware	1,300	1,300	1,200	1,200	1,200
Lancaster	268,000	266,000	269,000	262,000	259,000
Lebanon	52,300	52,000	53,300	51,000	52,100
Montgomery	16,900	16,200	15,800	13,500	14,200
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**498,000**	**496,000**	**496,000**	**478,000**	**479,000**
PENNSYLVANIA	**1,960,000**	**1,960,000**	**1,950,000**	**1,890,000**	**1,900,000**

PENNSYLVANIA: ALL HOGS AND PIGS ON FARMS, DECEMBER 1, 1984-1988

County & District	1984	1985	1986	1987	1988
Crawford	4,100	4,200	3,400	5,100	4,700
Erie	2,600	2,300	1,500	1,800	1,500
Forest	100	100	200	300	200
Mercer	6,600	6,000	5,600	5,000	4,900
Venango	1,600	1,500	1,800	2,000	2,300
Warren	1,000	900	500	300	400
NORTHWESTERN, TOTAL	**16,000**	**15,000**	**13,000**	**14,500**	**14,000**
Bradford	2,200	2,100	2,900	2,800	3,300
Cameron	100	100	100	100	100
Clinton	2,100	1,800	3,600	4,100	3,400
Elk	300	200	200	200	200
Lycoming	5,300	4,400	5,000	4,700	5,500
McKean	200	200	300	400	400
Potter	200	200	200	100	100
Sullivan	300	300	300	100	200
Tioga	2,300	2,200	3,400	3,500	3,800
NORTH CENTRAL, TOTAL	**13,000**	**11,500**	**16,000**	**16,000**	**17,000**
Lackawanna	800	600	500	200	300
Susquehanna	1,200	1,100	1,700	1,900	2,200
Wayne	200	600	700	1,000	1,100
Wyoming	800	700	600	400	400
NORTHEASTERN, TOTAL	**3,000**	**3,000**	**3,500**	**3,500**	**4,000**
Armstrong	3,500	3,500	4,000	5,100	5,100
Beaver	2,000	1,700	1,500	1,700	1,900
Butler	9,800	10,100	8,500	7,500	6,800
Clarion	3,000	2,300	3,000	2,000	2,500
Indiana	8,200	7,800	10,300	10,900	11,700
Jefferson	1,700	1,300	1,200	900	1,200
Lawrence	7,800	6,800	6,500	5,400	5,300
WEST CENTRAL, TOTAL	**36,000**	**33,500**	**35,000**	**33,500**	**34,500**
Blair	3,500	3,600	3,800	3,700	5,000
Cambria	5,000	3,500	3,900	4,500	4,800
Centre	7,100	6,700	7,900	8,400	8,500
Clearfield	800	800	900	1,100	1,000
Columbia	8,900	8,400	9,400	9,100	9,700
Dauphin	12,500	12,400	15,400	14,100	17,000
Huntingdon	4,000	3,900	4,500	4,200	5,000
Juniata	7,800	9,900	10,900	10,700	11,000
Mifflin	9,200	10,500	9,900	9,600	10,200
Montour	7,700	6,400	7,400	6,700	6,500
Northumberland	27,000	27,000	28,000	31,700	35,900
Perry	6,000	6,900	6,500	8,100	8,900
Snyder	18,000	19,500	18,000	19,500	21,800
Union	12,500	12,000	15,000	14,100	16,200
CENTRAL, TOTAL	**130,000**	**131,500**	**141,500**	**145,500**	**161,500**
Carbon	1,200	1,100	1,200	1,300	1,500
Lehigh	9,600	9,000	11,400	11,800	11,900
Luzerne	1,800	1,500	1,400	1,800	2,300
Monroe	1,000	900	1,600	1,500	1,700
Northampton	6,300	5,400	4,000	4,900	6,000
Pike	100	100	100	100	100
Schuylkill	18,000	20,000	16,300	15,100	17,500
EAST CENTRAL, TOTAL	**38,000**	**38,000**	**36,000**	**36,500**	**41,000**
Allegheny	900	800	900	1,100	1,000
Fayette	2,900	2,600	3,300	3,200	3,700
Greene	700	800	900	700	800
Somerset	8,100	8,800	10,900	10,800	10,600
Washington	2,900	3,300	4,900	5,600	6,000
Westmoreland	5,500	5,200	5,600	6,600	7,400
SOUTHWESTERN, TOTAL	**21,000**	**21,500**	**26,500**	**28,000**	**29,500**
Adams	20,000	19,000	27,000	25,700	26,500
Bedford	8,000	7,000	6,000	8,500	10,000
Cumberland	23,500	22,000	22,500	20,400	25,000
Franklin	32,500	34,200	43,800	50,500	51,000
Fulton	5,000	7,800	9,200	12,500	11,400
York	42,000	44,000	53,000	60,400	63,100
SOUTH CENTRAL, TOTAL	**131,000**	**134,000**	**161,500**	**178,000**	**187,000**
Berks	38,000	39,000	50,000	46,000	51,600
Bucks	6,200	4,500	5,000	4,400	5,500
Chester	13,000	13,800	15,000	12,600	14,100
Delaware	800	900	1,000	800	800
Lancaster	304,000	281,000	325,000	323,000	349,000
Lebanon	42,000	46,000	52,000	48,300	50,000
Montgomery	8,000	6,800	9,000	9,400	10,500
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**412,000**	**392,000**	**457,000**	**444,500**	**481,500**
PENNSYLVANIA	**800,000**	**780,000**	**890,000**	**900,000**	**970,000**

PENNSYLVANIA: ALL SHEEP ON FARMS JANUARY 1, 1985-198; 1/

County & District	1985	1986	1987	1988	1989
Crawford	2,500	1,300	1,200	900	1,200
Erie	500	550	550	650	800
Forest	50	50	50	50	50
Mercer	1,800	2,000	2,800	3,100	3,800
Venango	950	900	1,100	1,500	1,900
Warren	700	1,000	1,500	1,900	2,250
NORTHWESTERN, TOTAL	**6,500**	**5,800**	**7,200**	**8,100**	**10,000**
Bradford	5,000	4,700	4,400	4,200	5,100
Cameron	-	50	50	100	100
Clinton	150	150	100	100	150
Elk	50	50	100	100	200
Lycoming	1,100	1,000	900	850	1,000
McKean	500	500	500	350	450
Potter	700	700	850	1,600	2,000
Sullivan	400	450	500	500	600
Tioga	3,000	3,100	2,700	2,200	3,100
NORTH CENTRAL, TOTAL	**10,900**	**10,700**	**10,100**	**10,000**	**12,700**
Lackawanna	350	350	350	350	400
Susquehanna	1,000	1,000	1,300	1,400	1,900
Wayne	700	750	1,000	1,100	1,300
Wyoming	650	600	500	450	600
NORTHEASTERN, TOTAL	**2,700**	**2,700**	**3,150**	**3,300**	**4,200**
Armstrong	1,300	1,300	1,400	1,600	1,900
Beaver	1,300	1,400	1,100	900	1,600
Butler	3,700	3,800	3,400	3,600	4,400
Clarion	600	550	900	800	1,000
Indiana	1,400	1,500	1,800	2,100	2,600
Jefferson	700	1,000	1,500	1,900	2,200
Lawrence	1,600	1,800	2,100	2,100	2,700
WEST CENTRAL, TOTAL	**10,600**	**11,350**	**12,200**	**13,000**	**16,400**
Blair	600	600	650	750	900
Cambria	400	500	400	400	550
Centre	1,500	1,800	2,100	2,200	2,400
Clearfield	400	400	400	350	400
Columbia	400	500	500	500	600
Dauphin	1,500	1,700	1,800	1,800	2,300
Huntingdon	700	800	1,600	2,000	2,200
Juniata	900	900	1,000	1,100	1,500
Mifflin	700	800	750	900	1,000
Montour	200	200	200	250	250
Northumberland	1,400	1,200	1,200	1,300	1,400
Perry	700	1,000	1,300	1,200	1,100
Snyder	600	600	750	900	1,200
Union	300	300	400	350	500
CENTRAL, TOTAL	**10,300**	**11,300**	**13,050**	**14,000**	**16,300**
Carbon	200	200	250	250	300
Lehigh	550	600	700	950	1,100
Luzerne	450	500	550	600	700
Monroe	200	200	250	250	300
Northampton	1,000	900	700	500	750
Pike	-	50	50	50	50
Schuylkill	600	700	800	900	1,100
EAST CENTRAL, TOTAL	**3,000**	**3,150**	**3,300**	**3,500**	**4,300**
Allegheny	900	1,000	1,200	1,400	1,700
Fayette	1,200	1,100	800	700	1,000
Greene	8,200	8,500	10,100	10,600	13,000
Somerset	1,900	2,500	2,600	3,500	4,400
Washington	7,400	7,500	8,800	8,400	11,000
Westmoreland	2,400	3,000	2,500	2,600	3,100
SOUTHWESTERN, TOTAL	**22,000**	**23,600**	**26,000**	**27,200**	**34,200**
Adams	2,500	2,700	3,200	2,800	3,000
Bedford	800	1,400	1,600	1,900	2,000
Cumberland	1,600	1,800	1,500	1,400	1,600
Franklin	1,400	1,400	1,800	2,100	2,600
Fulton	400	400	500	500	600
York	3,000	3,200	4,000	4,500	5,000
SOUTH CENTRAL, TOTAL	**9,700**	**10,900**	**12,600**	**13,200**	**14,800**
Berks	2,000	1,900	2,700	2,600	3,400
Bucks	1,600	1,800	1,500	1,700	1,500
Chester	1,400	1,700	2,500	3,000	4,100
Delaware	400	500	500	500	500
Lancaster	5,000	5,400	7,000	7,000	8,100
Lebanon	900	1,100	1,400	2,200	2,600
Montgomery	1,000	1,100	800	700	900
Philadelphia	-	-	-	-	0
SOUTHEASTERN, TOTAL	**12,300**	**13,500**	**16,400**	**17,700**	**21,100**
PENNSYLVANIA	**88,000**	**93,000**	**104,000**	**110,000**	**134,000**

1/ These estimates reflect revisions based on review of the 1987 Census of Agriculture.

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1988-1989 1/

Month	Number of Head		Liveweight			
			Per Head		Total Pounds	
	1988	1989	1988	1989	1988	1989
			Cattle			
January	78,400	82,900	1,200	1,223	94,003,000	101,372,000
February	77,100	74,000	1,207	1,219	93,084,000	90,255,000
March	88,700	88,600	1,207	1,229	106,999,000	108,965,000
April	77,200	79,300	1,207	1,211	93,202,000	96,018,000
May	78,300	81,200	1,197	1,216	93,698,000	98,700,000
June	79,400	85,700	1,180	1,192	93,664,000	102,066,000
July	79,000	76,800	1,174	1,176	92,760,000	90,365,000
August	85,300	88,500	1,169	1,186	99,666,000	105,010,000
September	82,900	80,000	1,175	1,168	97,435,000	93,359,000
October	84,600	90,000	1,179	1,193	99,772,000	107,338,000
November	86,600	86,200	1,188	1,212	102,889,000	104,437,000
December	82,000	79,700	1,208	1,243	99,105,000	99,065,000
Annual	979,500	992,900	1,191	1,206	1,166,279,000	1,196,950,000
			Calves			
January	21,100	21,900	163	187	3,438,000	4,083,000
February	21,800	19,200	168	193	3,660,000	3,705,000
March	24,000	20,700	164	198	3,931,000	4,105,000
April	17,900	15,300	173	215	3,093,000	3,283,000
May	17,500	16,500	185	223	3,247,000	3,671,000
June	23,600	20,200	176	196	4,145,000	3,967,000
July	26,600	24,300	162	172	4,304,000	4,183,000
August	26,400	27,300	167	165	4,417,000	4,488,000
September	24,300	23,400	177	179	4,303,000	4,197,000
October	22,400	24,400	179	172	4,012,000	4,207,000
November	24,400	22,900	178	177	4,331,000	4,044,000
December	24,800	22,600	183	178	4,531,000	4,012,000
Annual	274,700	258,500	173	185	47,413,000	47,946,000
			Hogs			
January	121,400	165,000	237	230	28,782,000	37,962,000
February	123,000	150,700	232	231	28,545,000	34,870,000
March	142,500	168,600	233	231	33,272,000	39,034,000
April	122,400	156,900	234	235	28,701,000	36,805,000
May	129,100	174,500	239	235	30,902,000	40,936,000
June	134,600	168,600	233	232	31,373,000	39,045,000
July	120,700	144,800	226	229	27,309,000	33,188,000
August	141,500	174,300	228	229	32,290,000	39,903,000
September	138,600	158,000	233	230	32,264,000	36,346,000
October	150,900	172,500	237	234	35,744,000	40,368,000
November	168,000	165,400	238	234	39,916,000	38,748,000
December	185,800	182,600	233	240	43,316,000	43,804,000
Annual	1,678,500	1,981,900	234	233	392,414,000	461,009,000
			Sheep and Lambs			
January	9,100	8,700	108	108	979,000	941,000
February	6,300	7,600	108	111	683,000	844,000
March	10,800	13,100	106	109	1,143,000	1,421,000
April	5,500	8,800	99	107	545,000	942,000
May	8,000	8,500	107	98	848,000	827,000
June	10,300	8,100	109	105	1,125,000	858,000
July	7,200	7,700	110	111	788,000	856,000
August	10,100	9,900	110	112	1,114,000	1,106,000
September	8,800	8,100	106	58	928,000	471,000
October	8,900	8,400	106	111	939,000	935,000
November	8,400	7,500	109	111	923,000	834,000
December	7,700	7,300	110	111	855,000	809,000
Annual	100,900	103,600	108	105	10,870,000	10,844,000

1/ Months may not add to annual due to rounding. Includes slaughter in federally inspected and in other slaughter plants, but excludes animals slaughtered on farms.

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1965-1989

Year	Cattle		Calves		Hogs		Sheep & Lambs	
	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight
				(000)				
1965.....	901.0	961,949	643.0	84,717	2,910.0	661,201	197.3	17,632
1970.....	745.5	841,645	374.0	50,165	3,783.0	847,031	106.9	9,706
1975.....	938.5	999,105	343.4	39,862	2,452.0	559,107	153.8	15,127
1980.....	715.5	813,313	253.9	38,746	3,387.8	760,776	153.3	15,602
1983.....	948.9	1,087,388	302.9	51,027	2,448.1	566,536	150.7	15,214
1984.....	977.4	1,115,097	286.7	48,291	2,138.4	504,053	173.2	17,694
1985.....	988.2	1,157,847	301.3	50,810	1,629.8	380,844	140.9	14,684
1986.....	1,125.5	1,315,940	287.2	48,700	1,526.7	355,318	130.7	13,191
1987.....	1,022.4	1,203,554	275.9	47,227	1,499.7	358,266	105.2	11,234
1988.....	979.5	1,166,279	274.7	47,413	1,678.5	392,414	100.9	10,870
1989.....	992.9	1,196,950	258.5	47,946	1,981.9	461,009	103.6	10,844

PENNSYLVANIA: CATTLE AND CALVES PRODUCTION, DISPOSITION AND INCOME, 1965-1989

Year	Inventory January 1	Calf Crop	Inshipments	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
				Cattle	Calves		Cattle	Calves		
					(000)					
1965.....	1,874	888	151	465	477	41	28	84	1,818	$ 101,706
1970.....	1,781	831	120	396	455	22	26	70	1,763	128,514
1975.....	1,960	800	99	402	347	20	35	95	1,960	152,624
1980.....	1,950	800	120	435	286	24	35	90	2,000	329,108
1983.....	2,000	820	140	503	353	19	35	80	1,970	336,343
1984.....	1,970	830	130	490	345	15	35	85	1,960	323,231
1985.....	1,960	840	130	495	345	15	35	80	1,960	310,222
1986.....	1,960	880	120	520	365	15	35	75	1,950	322,825
1987.....	1,950	840	120	537	365	15	33	70	1,890	405,337
1988.....	1,890	860	100	482	355	13	30	70	1,900	405,017
1989.....	1,900	820	100	500	325	12	28	65	1,890	430,915

1/ Value of marketings and home consumption.

PENNSYLVANIA: HOGS AND PIGS PRODUCTION, DISPOSITION AND INCOME, 1965-1989

Year	Inventory December 1 1/	Pigs Saved	Inshipments	Marketings	Farm Slaughter	Deaths	Inventory December 1	Gross Income 2/
				(000)				
1965.....	461	611	-	486	85	77	424	$ 26,748
1970.....	570	854	-	659	46	92	627	38,464
1975.....	590	872	8	672	51	87	660	77,296
1980.....	870	1,282	-	948	64	160	980	89,466
1983.....	870	1,296	-	1,081	25	110	950	123,987
1984.....	950	1,160	-	1,180	25	105	800	139,769
1985.....	800	1,071	30	1,001	30	90	780	110,123
1986.....	780	1,164	55	984	25	100	890	118,985
1987.....	890	1,311	75	1,261	25	90	900	156,879
1988.....	900	1,273	90	1,188	25	80	970	123,481
1989.....	970	1,400	90	1,395	20	70	975	144,384

1/ December 1 preceding year. 2/ Value of marketings and home consumption.

PENNSYLVANIA: SHEEP AND LAMB PRODUCTION, DISPOSITION AND INCOME, 1965-1989

Year	Inventory January 1	Lambs Saved	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
			Sheep	Lambs		Sheep	Lambs		
					(000)				
1965.....	189	136	21	86	4	19	10	185	$ 1,815
1970.....	165	123	17	75	3	20	13	160	1,905
1975.....	125	100	7	64	3	21	10	120	2,412
1980.....	105	83	10	47	5	11	10	105	3,169
1983.....	98	80	6	45	5	8	10	104	3,184
1984.....	104	80	24	50	3	8	11	88	3,796
1985.....	88	75	6	42	4	8	10	93	3,217
1986.....	93	79	7	41	2	7	11	104	3,156
1987.....	104	75	15	35	3	6	10	110	3,625
1988.....	110	85	6	42	2	6	10	134	3,465
1989.....	134	98	23	56	1	6	12	134	4,801

1/ Value of marketings and home consumption.

PENNSYLVANIA: CATTLE AND CALVES - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1980-1989

Year	1-49 Head		50-99 Head		100-499 Head		500 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent							
1980.....	72.9	26.5	19.1	35.7	8.0	35.7	1/	2.1
1981.....	71.5	25.5	20.0	36.0	8.5	35.5	1/	3.0
1982.....	70.2	26.5	20.0	33.0	9.8	37.9	1/	2.6
1983.....	70.2	26.3	19.4	32.3	10.4	38.7	1/	2.7
1984.....	68.1	24.2	20.4	32.6	11.5	40.5	1/	2.7
1985.....	69.6	23.5	18.7	31.5	11.7	41.9	1/	3.1
1986.....	69.5	23.5	18.5	30.3	12.0	43.1	1/	3.1
1987.....	69.5	22.6	18.5	30.5	12.0	43.3	1/	3.6
1988.....	68.2	22.7	19.3	30.7	12.5	43.1	1/	3.5
1989.....	68.0	23.0	19.8	30.0	12.2	43.3	1/	3.7

1/ Combined with next smaller size group.

PENNSYLVANIA: MILK COWS - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1980-1989

Year	1-29 Head		30-49 Head		50-99 Head		100 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent							
1980.....	49.0	15.0	30.0	34.5	16.5	32.0	4.5	18.5
1981.....	44.5	13.5	32.5	35.0	18.5	33.0	4.5	18.5
1982.....	43.5	14.0	31.5	33.0	20.0	34.5	5.0	18.5
1983.....	43.5	13.0	30.0	31.5	21.5	36.5	5.0	19.0
1984.....	38.6	11.3	30.5	31.6	25.7	38.9	5.2	18.2
1985.....	39.1	11.0	30.0	29.1	25.2	39.2	5.7	20.7
1986.....	35.9	10.0	30.8	29.3	27.2	39.1	6.1	21.6
1987.....	34.0	9.9	31.9	29.1	27.6	39.0	6.5	22.0
1988.....	32.6	9.5	32.6	29.3	28.5	40.2	6.3	21.0
1989.....	31.5	8.8	32.1	28.2	29.1	40.2	7.3	22.8

PENNSYLVANIA: BEEF COWS - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1986-1989

Year	1-49 Head		50-99 Head		100 Head And Over	
	Operation	Inventory	Operation	Inventory	Operation	Inventory
	Percent					
1986 1/....	97.8	84.0	1.7	9.9	0.5	6.1
1987.....	97.8	84.5	1.7	9.7	0.5	5.8
1988.....	97.1	81.5	2.4	12.5	0.5	6.0
1989.....	97.5	82.0	1.9	10.3	0.6	7.7

1/ Estimates of beef cows by size groups prior to 1986 are not available.

PENNSYLVANIA: HOGS AND PIGS - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1988-1989

Year	1-99 Head		100-499 Head		500-999 Head		1000 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent							
1988 1/....	81.1	10.6	14.2	30.4	2.9	20.9	1.8	38.1
1989.....	80.0	10.7	14.1	26.8	3.7	22.6	2.2	39.9

1/ Estimates of hogs and pigs by size groups prior to 1988 are not available.

POULTRY PRODUCTION SUMMARY - 1989

By TRENT A. WICKWIRE

The Pennsylvania poultry producers set new production records for turkeys and broilers for the year ending November 30, 1989. The combined value of production from broilers, eggs, and turkeys, plus the value of chicken sales, in 1989 was $546,268,000, a 25 percent increase over 1988. Of the combined total, 47 percent was from egg production, 38 percent from broiler production, 13 percent from turkey production, and 2 percent from the sale of other chickens.

Inventory of all chickens, excluding broilers, on December 1, 1989, was 23,800,000. Hens and pullets of laying age numbered 19.5 million, 3 percent below the previous year. Hens and pullets of laying age included 6.2 million hens one year old and over and 13.3 million pullets of laying age. Pullets not of laying age totaled 4.2 million on December 1. Pullets not of laying age included 1.95 million pullets 3 months old and older and 2.27 million under 3 months of age. Other chickens numbered 130,000. Total value of chicken inventory on December 1, 1989, was $41,650,000. Pennsylvania ranked 4th in the United States for all chicken inventory on December 1, 1989.

Pennsylvania laying flocks produced 5.2 billion eggs from December 1, 1988 through November 30, 1989, 2 percent less than in 1988. Total value of egg production, based on an average price received by producers during the year of 59 cents per dozen, was $257,240,000, up 38 percent from the previous year. An average of 19.5 million hens in Commonwealth flocks layed an average of 268 eggs each during the year. Pennsylvania ranked 3rd in egg production in 1989.

Broiler production from December 1, 1988 through November 30, 1989 was valued at $203,171,000, up 16 percent from the previous year. A record 127.7 million broilers were produced during the year. Average liveweight of broilers produced was 4.3 pounds per bird, for a total production of 549,110,000 pounds. The average price received per pound for live broilers was 37.0 cents. Pennsylvania ranked 12th in broiler production in 1989.

Turkey producers raised a record 8.4 million poults during 1989, compared with 7.9 million produced in 1988. Producers received an average of 43.0 cents per pound liveweight for turkeys in 1989. Total value of turkey production from December 1, 1988 through November 30, 1989 was $72.2 million. Pennsylvania ranked 8th in turkey production.

Commercial hatcheries hatched nearly 141.0 million broiler-type chicks during 1989, up slightly from the previous year. Egg-type chicks hatched totaled 41.5 million for the year ending November 30, 1989, 1 percent less than in 1988. Pennsylvania ranked 2nd in egg-type chickens hatched, and 10th in broiler-type chicks hatched.

Data in the following tables result from voluntary responses from Pennsylvania poultry producers and Agribusinesses. Primary surveys used for these tables include the Weekly and Monthly Hatchery Reports, Monthly Turkey Hatchery Report, Monthly Chicken & Egg Survey, and Annual Turkeys Raised Inquiry. Additional data are obtained from Quarterly Agriculture Surveys and Acreage Surveys conducted throughout the year.

PENNSYLVANIA: CHICKEN INVENTORY ON FARMS DECEMBER 1, 1965-1989

Year	Layers			Pullets Not Laying	Other Chickens	Total Chickens 1/	
	Hens	Pullets	Total			Number	Value
	(000)						
1965 2/.....	7,117	9,070	16,187	3,188	201	19,576	$29,364
1970.....	6,213	8,633	14,846	3,239	157	18,242	28,275
1975.....	4,958	6,427	11,385	2,353	112	13,850	23,545
1978.....	5,546	9,754	15,300	3,537	188	19,025	34,245
1979.....	5,230	11,370	16,600	4,121	209	20,930	35,581
1980.....	6,080	10,770	16,850	3,974	126	20,950	34,568
1981.....	6,020	11,130	17,150	4,256	194	21,600	36,720
1982.....	5,150	12,450	17,600	4,730	170	22,500	36,000
1983.....	6,850	10,450	17,300	6,340	160	23,800	44,030
1984.....	5,000	13,500	18,500	3,800	200	22,500	50,625
1985.....	8,300	10,100	18,400	3,520	180	22,100	36,465
1986.....	6,100	12,500	18,600	4,650	150	23,400	43,290
1987.....	7,600	12,200	19,800	5,320	130	25,250	42,925
1988.....	6,700	13,300	20,000	4,270	130	24,400	41,480
1989.....	6,200	13,250	19,450	4,220	130	23,800	41,650

1/ Excludes commercial broilers. 2/ January 1 inventory.

PENNSYLVANIA: LAYERS, EGG PRODUCTION, EGG PRICES & HATCH DATA, BY MONTHS, 1965-1989

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg. Or Total 1/
AVERAGE NUMBER OF LAYERS (000)													
1965...	16,122	15,978	15,834	15,691	15,464	15,392	15,352	15,290	15,396	15,296	15,247	15,284	15,529
1970...	14,464	14,470	14,454	14,287	14,173	13,905	14,022	14,495	14,601	14,674	14,818	14,772	14,415
1975...	12,200	12,014	11,834	11,596	11,422	11,250	11,193	11,193	11,221	11,249	11,317	11,385	11,573
1980...	16,751	16,586	16,475	16,290	15,865	15,865	15,951	16,088	16,225	16,438	16,826	16,813	16,339
1982 2/	16,876	16,863	-	16,450	-	-	16,025	-	-	16,813	-	17,700	16,552
1983...	17,913	18,063	17,838	17,775	17,888	17,700	17,901	18,350	18,701	19,050	18,250	16,000	18,094
1984...	14,350	14,000	14,763	15,775	16,713	17,363	16,563	15,876	16,663	18,313	18,876	18,301	16,274
1985...	18,013	17,800	17,675	17,913	17,975	17,750	17,875	18,200	18,663	19,175	18,888	18,300	18,188
1986...	18,663	18,900	18,913	18,688	18,975	19,088	19,313	19,413	19,026	19,101	18,913	18,601	18,960
1987...	19,525	20,188	20,038	19,975	19,538	19,251	19,313	19,400	19,488	19,825	19,938	19,925	19,585
1988...	20,051	19,975	19,863	19,825	19,763	19,525	19,375	19,600	19,838	19,976	20,038	19,675	19,813
1989...	19,451	19,650	19,388	19,126	19,488	19,876	19,750	19,500	19,538	19,526	19,463	19,551	19,535
EGGS PRODUCED (Million)													
1965...	298	271	302	298	305	287	289	281	268	268	256	269	3,392
1970...	276	247	276	269	277	262	266	269	265	275	265	276	3,220
1975...	252	228	248	236	241	228	230	224	213	227	225	233	2,800
1980...	378	347	369	353	352	339	344	341	339	361	360	375	4,251
1982 2/	383	343	-	1,075	-	-	1,023	-	-	1,111	-	406	4,324
1983...	406	367	399	383	394	375	389	397	395	419	387	357	4,716
1984...	317	286	321	331	365	371	372	357	367	421	417	415	4,282
1985...	406	359	398	389	400	381	395	403	399	422	407	410	4,774
1986...	410	373	416	400	421	417	433	436	410	424	413	422	4,963
1987...	438	409	454	437	441	425	430	431	426	449	443	462	5,205
1988...	452	420	459	442	442	411	428	447	442	464	448	450	5,317
1989...	441	397	440	423	441	433	446	446	432	448	435	450	5,232
AVERAGE PRICE RECEIVED FOR EGGS (Cents Per Dozen)													
1965...	33.0	34.0	33.0	37.0	30.0	32.0	34.0	38.0	40.0	39.0	41.0	44.0	36.1
1970...	58.0	53.0	46.0	36.0	30.0	30.0	34.0	34.0	39.0	34.0	35.0	39.0	40.9
1975...	58.2	55.8	53.9	49.5	56.5	42.4	44.6	46.0	52.1	52.9	53.6	58.9	51.2
1980...	54.0	45.6	49.1	48.0	44.9	43.8	45.6	52.1	56.0	55.5	59.4	68.4	51.0
1982 3/	61.0	66.0	62.0	61.0	53.0	48.0	53.0	46.0	51.0	55.0	55.0	51.0	56.0
1983...	50.0	51.0	52.0	55.0	56.0	57.0	54.0	56.0	62.0	67.0	71.0	82.0	56.7
1984...	94.0	102.0	84.0	85.0	65.0	63.0	58.0	56.0	56.0	55.0	55.0	57.0	70.0
1985...	52.0	46.0	50.0	50.0	50.0	47.0	51.0	52.0	57.0	60.0	62.0	67.0	53.0
1986...	66.0	65.0	62.0	63.0	57.0	48.0	52.0	55.0	51.0	43.0	55.0	48.0	57.0
1987...	47.0	44.0	41.0	42.0	36.0	35.0	37.0	30.0	44.0	35.0	44.0	31.0	40.0
1988...	35.0	35.0	36.0	34.0	34.0	35.0	43.0	48.0	46.0	49.0	49.0	48.0	40.0
1989...	50.0	48.0	72.0	55.0	51.0	51.0	53.0	55.0	59.0	59.0	68.0	73.0	56.0
EGG-TYPE CHICKS HATCHED (000)													
1965...	1,951	2,072	3,539	3,608	3,423	2,975	1,442	1,971	1,450	1,547	1,903	1,640	27,521
1970...	2,458	2,422	3,201	3,289	2,995	2,382	2,463	1,606	2,224	2,107	1,664	1,942	28,753
1975...	1,535	1,815	2,360	2,592	2,363	2,087	1,638	1,650	1,508	1,710	1,272	1,564	22,094
1980...	2,336	2,614	2,832	3,264	2,971	3,226	3,266	3,007	3,003	3,046	2,448	2,914	34,927
1982...	3,234	4,342	4,261	4,491	4,709	4,476	3,271	4,068	3,156	3,029	3,354	3,511	45,902
1983...	3,762	3,948	4,857	3,885	4,929	4,814	3,347	3,801	3,352	3,543	3,546	2,264	46,048
1984...	1,544	1,709	3,100	4,144	4,102	3,581	2,537	2,087	2,152	2,785	3,115	2,852	33,708
1985...	2,363	2,319	3,337	3,666	3,741	3,555	3,299	2,852	2,759	3,303	3,722	4,018	38,934
1986...	2,971	2,970	3,583	4,559	4,842	4,051	3,217	3,657	3,153	3,369	2,933	3,789	43,094
1987...	3,212	3,833	4,443	4,366	4,150	4,066	3,326	3,868	3,236	3,819	3,114	3,428	44,861
1988...	3,119	3,040	3,426	4,172	4,436	4,034	3,374	3,347	3,368	3,208	3,582	2,896	42,002
1989...	3,509	3,051	2,753	4,037	4,401	3,691	2,809	3,908	3,676	3,676	2,905	3,103	41,519
BROILER-TYPE CHICKS HATCHED (000)													
1965...	4,439	4,396	4,651	4,830	4,990	4,987	4,867	4,605	4,507	3,938	4,365	4,650	55,225
1970...	6,283	5,815	6,347	6,337	6,648	6,555	6,328	6,441	5,718	5,754	5,937	6,276	74,439
1975...	6,641	6,185	7,286	7,278	7,469	7,172	7,677	7,283	6,948	7,283	6,597	7,314	85,133
1980...	10,330	10,151	10,933	10,726	11,283	10,815	10,474	10,436	9,830	10,397	9,602	10,235	125,212
1982...	10,591	9,334	11,262	10,927	11,191	11,071	11,020	10,684	10,187	10,114	9,733	10,495	126,609
1983...	10,363	9,217	10,956	9,436	9,013	8,454	8,320	9,049	9,013	8,652	7,354	7,317	107,144
1984...	7,149	6,753	8,234	7,895	8,208	7,831	7,811	8,169	7,924	8,010	7,413	8,849	94,246
1985...	8,964	7,756	9,829	9,003	9,678	9,151	9,857	9,683	9,738	9,080	9,032	10,145	111,916
1986...	10,185	8,667	8,699	8,845	9,261	9,851	9,857	10,054	9,822	10,106	9,614	10,327	115,288
1987...	10,862	9,490	11,050	10,533	11,278	10,948	11,091	11,143	10,614	11,478	10,604	11,373	130,464
1988...	11,782	10,922	12,498	10,286	12,603	12,034	11,936	11,879	11,865	11,818	11,552	11,645	140,820
1989...	12,006	10,896	12,434	12,144	13,427	12,222	12,669	11,965	11,346	10,849	10,313	10,711	140,982

1/ For layers, eggs, and prices, the marketing year from 1970 to present runs from December 1 through November 30. 2/ For March through November 1982, average number of layers and egg production estimates were made on a quarterly basis covering the periods March-May, June-August, and September-November. 3/ Average prices received are for market eggs only after 1980.

PENNSYLVANIA: CHICKENS ON FARMS AND VALUE, DECEMBER 1, 1989 1/

District & County	Chickens On Farms By Class			All Chickens	
	Hens & Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chickens	Number	Value
					Dollars
Crawford	295,000	104,500	500	400,000	700,000
Erie	33,000	12,700	300	46,000	80,500
Forest	300	100	100	500	900
Mercer	22,500	300	200	23,000	40,300
Venango	3,000	300	200	3,500	6,100
Warren	4,500	300	200	5,000	8,800
NORTHWESTERN, TOTAL	**358,300**	**118,200**	**1,500**	**478,000**	**836,600**
Bradford	233,000	6,500	500	240,000	420,000
Cameron	300	100	100	500	900
Clinton	33,000	4,700	300	38,000	66,500
Elk	68,000	1,400	600	70,000	122,500
Lycoming	84,000	700	300	85,000	148,800
McKean	1,000	8,800	200	10,000	17,500
Potter	800	100	100	1,000	1,800
Sullivan	700	100	200	1,000	1,800
Tioga	20,800	19,700	500	41,000	71,800
NORTH CENTRAL, TOTAL	**441,600**	**42,100**	**2,800**	**486,500**	**851,600**
Lackawanna	1,700	200	100	2,000	3,500
Susquehanna	7,000	800	200	8,000	14,000
Wayne	1,500	400	100	2,000	3,500
Wyoming	800	100	100	1,000	1,800
NORTHEASTERN, TOTAL	**11,000**	**1,500**	**500**	**13,000**	**22,800**
Armstrong	3,500	400	100	4,000	7,000
Beaver	6,000	18,500	500	25,000	43,800
Butler	43,000	800	200	44,000	77,000
Clarion	3,000	200	300	3,500	6,100
Indiana	8,000	127,800	200	136,000	238,000
Jefferson	4,000	300	200	4,500	7,900
Lawrence	121,000	2,600	400	124,000	217,000
WEST CENTRAL, TOTAL	**188,500**	**150,600**	**1,900**	**341,000**	**596,800**
Blair	64,000	500	500	65,000	113,800
Cambria	10,000	600	400	11,000	19,300
Centre	18,000	1,600	400	20,000	35,000
Clearfield	2,000	700	300	3,000	5,300
Columbia	23,000	800	200	24,000	42,000
Dauphin	800,000	49,500	500	850,000	1,487,500
Huntingdon	15,000	800	200	16,000	28,000
Juniata	518,000	12,500	4,500	535,000	936,300
Mifflin	40,000	49,000	12,000	101,000	176,800
Montour	800	600	100	1,500	2,600
Northumberland	356,000	85,000	2,000	443,000	775,300
Perry	264,000	5,500	500	270,000	472,500
Snyder	73,000	10,500	500	84,000	147,000
Union	245,000	17,500	1,500	264,000	462,000
CENTRAL, TOTAL	**2,428,800**	**235,100**	**23,600**	**2,687,500**	**4,703,400**
Carbon	4,000	500	500	5,000	8,800
Lehigh	126,000	1,400	600	128,000	224,000
Luzerne	79,000	800	200	80,000	140,000
Monroe	800	100	100	1,000	1,800
Northampton	49,000	500	500	50,000	87,500
Pike	800	100	100	1,000	1,800
Schuylkill	275,000	163,000	2,000	440,000	770,000
EAST CENTRAL, TOTAL	**534,600**	**166,400**	**4,000**	**705,000**	**1,233,900**
Allegheny	14,000	6,800	200	21,000	36,800
Fayette	51,000	800	200	52,000	91,000
Greene	1,500	300	200	2,000	3,500
Somerset	85,000	43,000	2,000	130,000	227,500
Washington	6,500	200	300	7,000	12,300
Westmoreland	57,000	7,000	1,000	65,000	113,800
SOUTHWESTERN, TOTAL	**215,000**	**58,100**	**3,900**	**277,000**	**484,900**
Adams	1,980,000	869,000	1,000	2,850,000	4,987,500
Bedford	24,000	500	500	25,000	43,800
Cumberland	460,000	81,000	1,000	542,000	948,500
Franklin	1,285,000	10,000	5,000	1,300,000	2,275,000
Fulton	2,500	400	100	3,000	5,300
York	665,000	45,000	10,000	720,000	1,260,000
SOUTH CENTRAL, TOTAL	**4,416,500**	**1,005,900**	**17,600**	**5,440,000**	**9,520,100**
Berks	310,000	138,500	1,500	450,000	787,500
Bucks	67,000	600	400	68,000	119,000
Chester	375,000	3,000	2,000	380,000	665,000
Delaware	300	100	100	500	900
Lancaster	8,704,400	1,943,400	59,700	10,707,500	18,737,000
Lebanon	1,345,000	356,000	9,000	1,710,000	2,992,500
Montgomery	54,000	500	1,500	56,000	98,000
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**10,855,700**	**2,442,100**	**74,200**	**13,372,000**	**23,401,100**
PENNSYLVANIA	**19,450,000**	**4,220,000**	**130,000**	**23,800,000**	**41,650,000**

1/ Excludes Broilers

PENNSYLVANIA: NUMBER OF LAYERS, EGG PRODUCTION AND VALUE OF PRODUCTION, 1989

County & District	Average Number Of Layers	Total Egg Production 1/	Value Of Production
		(000)	(Dollars)
Crawford	258,800	69,314	3,408,000
Erie	37,600	10,070	495,000
Forest	300	80	4,000
Mercer	26,000	6,964	342,000
Venango	3,000	803	39,000
Warren	4,200	1,125	55,000
NORTHWESTERN, TOTAL	**329,900**	**88,356**	**4,343,000**
Bradford	271,400	72,688	3,574,000
Cameron	300	80	4,000
Clinton	32,900	8,812	433,000
Elk	76,300	20,435	1,005,000
Lycoming	86,800	23,247	1,143,000
McKean	1,000	268	13,000
Potter	700	187	9,000
Sullivan	700	187	9,000
Tioga	21,900	5,865	288,000
NORTH CENTRAL, TOTAL	**492,000**	**131,769**	**6,478,000**
Lackawanna	1,700	455	22,000
Susquehanna	11,900	3,187	157,000
Wayne	1,700	455	22,000
Wyoming	800	214	11,000
NORTHEASTERN, TOTAL	**16,100**	**4,311**	**212,000**
Armstrong	3,500	937	46,000
Beaver	15,800	4,232	208,000
Butler	43,300	11,597	570,000
Clarion	3,000	803	39,000
Indiana	7,900	2,116	104,000
Jefferson	4,000	1,071	53,000
Lawrence	128,700	34,469	1,695,000
WEST CENTRAL, TOTAL	**206,200**	**55,225**	**2,715,000**
Blair	66,800	17,891	880,000
Cambria	16,800	4,499	221,000
Centre	18,300	4,901	241,000
Clearfield	2,000	536	26,000
Columbia	29,200	7,821	385,000
Dauphin	727,700	194,898	9,582,000
Huntingdon	9,900	2,651	130,000
Juniata	340,400	91,168	4,482,000
Mifflin	49,500	13,257	652,000
Montour	900	241	12,000
Northumberland	342,200	91,650	4,506,000
Perry	254,500	68,162	3,351,000
Snyder	142,600	38,192	1,878,000
Union	151,000	40,442	1,988,000
CENTRAL, TOTAL	**2,151,800**	**576,309**	**28,334,000**
Carbon	9,400	2,518	124,000
Lehigh	119,800	32,086	1,578,000
Luzerne	81,200	21,748	1,069,000
Monroe	900	241	12,000
Northampton	76,300	20,435	1,005,000
Pike	900	241	12,000
Schuylkill	393,700	105,443	5,184,000
EAST CENTRAL, TOTAL	**682,200**	**182,712**	**8,984,000**
Allegheny	13,900	3,723	183,000
Fayette	57,400	15,373	756,000
Greene	1,700	455	22,000
Somerset	85,700	22,953	1,129,000
Washington	7,400	1,982	97,000
Westmoreland	58,400	15,641	769,000
SOUTHWESTERN, TOTAL	**224,500**	**60,127**	**2,956,000**
Adams	2,094,600	560,990	27,582,000
Bedford	24,800	6,642	327,000
Cumberland	524,900	140,582	6,912,000
Franklin	1,037,400	277,844	13,661,000
Fulton	2,500	670	33,000
York	735,300	196,933	9,683,000
SOUTH CENTRAL, TOTAL	**4,419,500**	**1,183,661**	**58,198,000**
Berks	344,200	92,186	4,532,000
Bucks	41,100	11,008	541,000
Chester	415,000	111,148	5,465,000
Delaware	300	80	4,000
Lancaster	8,979,700	2,405,011	118,248,000
Lebanon	1,148,800	307,680	15,128,000
Montgomery	83,700	22,417	1,102,000
Philadelphia	-	-	-
SOUTHEASTERN, TOTAL	**11,012,800**	**2,949,530**	**145,020,000**
PENNSYLVANIA	**19,535,000**	**5,232,000**	**257,240,000**

1/ Based on an average of 268 eggs per layer during the year.

PENNSYLVANIA: CHICKEN INVENTORY AND EGG PRODUCTION, 1988 1/

County & District	Chickens On Farms By Class On December 1				Egg Production During Year	
	Hens and Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chickens	Total Chickens	Average Number Of Layers	Total Eggs Produced 2/
						(000)
Crawford	227,700	65,800	500	294,000	231,100	62,018
Erie	43,000	700	300	44,000	42,800	11,486
Forest	300	100	100	500	300	81
Mercer	30,000	800	200	31,000	27,900	7,487
Venango	3,000	300	200	3,500	2,800	751
Warren	4,000	800	200	5,000	12,400	3,328
NORTHWESTERN, TOTAL	**308,000**	**68,500**	**1,500**	**378,000**	**317,300**	**85,151**
Bradford	315,000	82,000	500	397,500	279,300	74,953
Cameron	300	100	100	500	300	81
Clinton	33,500	200	300	34,000	33,700	9,044
Elk	86,000	400	600	87,000	88,400	23,723
Lycoming	91,200	500	300	92,000	89,700	24,072
McKean	1,000	10,300	200	11,500	1,000	268
Potter	700	200	100	1,000	700	188
Sullivan	800	400	300	1,500	800	215
Tioga	23,500	10,500	500	34,500	24,100	6,467
NORTH CENTRAL, TOTAL	**552,000**	**104,600**	**2,900**	**659,500**	**518,000**	**139,011**
Lackawanna	1,700	200	100	2,000	1,600	429
Susquehanna	17,000	300	200	17,500	16,900	4,535
Wayne	2,000	400	100	2,500	2,000	537
Wyoming	800	100	100	1,000	800	215
NORTHEASTERN, TOTAL	**21,500**	**1,000**	**500**	**23,000**	**21,300**	**5,716**
Armstrong	3,500	400	100	4,000	3,700	993
Beaver	26,000	3,500	500	30,000	24,900	6,682
Butler	44,500	300	200	45,000	45,500	12,210
Clarion	3,000	200	300	3,500	3,000	805
Indiana	8,000	77,800	200	86,000	10,200	2,737
Jefferson	4,000	300	200	4,500	4,000	1,073
Lawrence	139,000	600	400	140,000	129,900	34,860
WEST CENTRAL, TOTAL	**228,000**	**83,100**	**1,900**	**313,000**	**221,200**	**59,360**
Blair	71,000	20,000	500	91,500	52,800	14,169
Cambria	24,000	600	400	25,000	27,900	7,487
Centre	19,000	600	400	20,000	18,900	5,072
Clearfield	2,000	700	300	3,000	2,200	590
Columbia	36,000	800	200	37,000	30,400	8,158
Dauphin	669,500	70,000	500	740,000	619,000	166,114
Huntingdon	5,000	800	200	6,000	5,000	1,342
Juniata	169,500	125,000	4,500	299,000	181,500	48,707
Mifflin	60,000	65,000	12,000	137,000	74,700	20,046
Montour	1,000	400	100	1,500	1,200	322
Northumberland	335,000	3,000	2,000	340,000	300,700	80,696
Perry	250,000	500	500	251,000	246,900	66,258
Snyder	215,000	15,000	500	230,500	226,500	60,783
Union	60,000	9,000	1,500	70,500	82,600	22,166
CENTRAL, TOTAL	**1,917,000**	**311,400**	**23,600**	**2,252,000**	**1,870,300**	**501,910**
Carbon	15,000	500	500	16,000	14,900	3,999
Lehigh	116,000	1,400	600	118,000	109,500	29,385
Luzerne	85,000	300	200	85,500	83,600	22,435
Monroe	1,000	400	100	1,500	1,200	322
Northampton	105,000	1,000	500	106,500	111,000	29,788
Pike	1,000	400	100	1,500	1,000	268
Schuylkill	520,000	38,000	2,000	560,000	569,500	152,831
EAST CENTRAL, TOTAL	**843,000**	**42,000**	**4,000**	**889,000**	**890,700**	**239,028**
Allegheny	14,000	800	200	15,000	18,400	4,938
Fayette	65,000	300	200	65,500	66,700	17,900
Greene	2,000	300	200	2,500	2,200	590
Somerset	88,000	95,000	2,000	185,000	91,600	24,582
Washington	8,500	200	300	9,000	8,200	2,201
Westmoreland	61,000	20,000	1,000	82,000	62,200	16,692
SOUTHWESTERN, TOTAL	**238,500**	**116,600**	**3,900**	**359,000**	**249,300**	**66,903**
Adams	2,250,000	115,000	1,000	2,366,000	1,902,600	510,580
Bedford	26,000	3,500	500	30,000	24,900	6,682
Cumberland	600,000	49,000	1,000	650,000	576,000	154,575
Franklin	810,000	235,000	5,000	1,050,000	849,800	228,052
Fulton	2,500	400	100	3,000	2,700	725
York	820,000	55,000	10,000	885,000	822,900	220,833
SOUTH CENTRAL, TOTAL	**4,508,500**	**457,900**	**17,600**	**4,984,000**	**4,178,900**	**1,121,447**
Berks	385,000	295,000	1,500	681,500	365,900	98,193
Bucks	16,100	10,000	400	26,500	17,000	4,562
Chester	463,000	85,000	2,000	550,000	419,200	112,496
Delaware	300	100	100	500	300	81
Lancaster	9,429,100	2,145,800	59,600	11,634,500	9,513,500	2,553,034
Lebanon	975,000	538,000	9,000	1,522,000	1,099,200	294,980
Montgomery	115,000	11,000	1,500	127,500	130,900	35,128
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**11,383,500**	**3,084,900**	**74,100**	**14,542,500**	**11,546,000**	**3,098,474**
PENNSYLVANIA	**20,000,000**	**4,270,000**	**130,000**	**24,400,000**	**19,813,000**	**5,317,000**

1/ Excludes Broilers. 2/ Based on an average of 268 eggs per layer.

PENNSYLVANIA: CHICKEN INVENTORY AND EGG PRODUCTION, 1987 1/

County & District	Chickens On Farms By Class On December 1				Egg Production During Year	
	Hens and Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chickens	Total Chickens	Average Number Of Layers	Total Eggs Produced 2/
						(000)
Crawford	236,500	118,000	500	355,000	243,000	64,581
Erie	43,000	11,300	700	55,000	44,900	11,933
Forest	300	100	100	500	600	159
Mercer	26,000	4,800	200	31,000	26,000	6,910
Venango	2,700	600	200	3,500	2,900	771
Warren	21,000	800	200	22,000	21,400	5,687
NORTHWESTERN, TOTAL	**329,500**	**135,600**	**1,900**	**467,000**	**338,800**	**90,041**
Bradford	246,000	1,300	700	248,000	247,900	65,883
Cameron	300	100	100	500	300	80
Clinton	34,100	600	300	35,000	30,700	8,159
Elk	91,500	200	300	92,000	90,000	23,919
Lycoming	89,000	11,800	1,200	102,000	98,900	26,284
McKean	1,000	8,000	1,000	10,000	2,600	691
Potter	700	200	100	1,000	700	186
Sullivan	800	400	300	1,500	1,200	319
Tioga	25,000	600	400	26,000	24,500	6,511
NORTH CENTRAL, TOTAL	**488,400**	**23,200**	**4,400**	**516,000**	**496,800**	**132,032**
Lackawanna	1,600	300	100	2,000	2,300	611
Susquehanna	17,000	300	700	18,000	16,300	4,332
Wayne	2,000	400	100	2,500	2,000	532
Wyoming	900	0	100	1,000	28,500	7,574
NORTHEASTERN, TOTAL	**21,500**	**1,000**	**1,000**	**23,500**	**49,100**	**13,049**
Armstrong	4,000	700	300	5,000	5,600	1,488
Beaver	24,000	6,400	600	31,000	24,500	6,511
Butler	47,000	2,800	200	50,000	74,200	19,720
Clarion	3,000	700	300	4,000	3,600	957
Indiana	12,500	75,300	200	88,000	11,500	3,056
Jefferson	4,000	300	200	4,500	7,100	1,887
Lawrence	122,000	2,300	700	125,000	128,000	34,018
WEST CENTRAL, TOTAL	**216,500**	**88,500**	**2,500**	**307,500**	**254,500**	**67,637**
Blair	35,000	2,500	500	38,000	38,300	10,179
Cambria	32,000	600	400	33,000	32,100	8,531
Centre	19,000	600	400	20,000	18,400	4,890
Clearfield	2,500	700	300	3,500	2,800	744
Columbia	25,000	16,800	200	42,000	38,300	10,179
Dauphin	574,000	122,000	4,000	700,000	560,500	148,961
Huntingdon	5,000	800	200	6,000	5,600	1,488
Juniata	195,000	100,500	4,500	300,000	204,000	54,216
Mifflin	90,000	38,000	12,000	140,000	91,800	24,397
Montour	1,500	400	100	2,000	1,500	399
Northumberland	269,000	84,400	3,600	357,000	290,200	77,125
Perry	246,000	600	4,400	251,000	253,000	67,238
Snyder	240,000	79,100	900	320,000	191,300	50,841
Union	106,000	32,500	1,500	140,000	145,900	38,775
CENTRAL, TOTAL	**1,840,000**	**479,500**	**33,000**	**2,352,500**	**1,873,700**	**497,963**
Carbon	15,000	14,000	500	29,500	21,900	5,820
Lehigh	104,000	30,400	600	135,000	104,600	27,799
Luzerne	83,000	800	200	84,000	98,400	26,151
Monroe	1,500	400	100	2,000	1,400	372
Northampton	118,000	600	1,400	120,000	98,400	26,151
Pike	1,000	400	100	1,500	1,200	319
Schuylkill	624,000	294,700	1,300	920,000	568,200	151,007
EAST CENTRAL, TOTAL	**946,500**	**341,300**	**4,200**	**1,292,000**	**894,100**	**237,619**
Allegheny	23,000	7,300	700	31,000	25,000	6,644
Fayette	69,000	800	200	70,000	152,500	40,529
Greene	2,500	300	200	3,000	2,600	691
Somerset	96,000	45,000	1,000	142,000	73,400	19,507
Washington	8,000	400	600	9,000	8,400	2,232
Westmoreland	64,000	9,900	1,100	75,000	63,800	16,956
SOUTHWESTERN, TOTAL	**262,500**	**63,700**	**3,800**	**330,000**	**325,700**	**86,559**
Adams	1,572,000	615,000	3,000	2,190,000	1,388,300	368,961
Bedford	24,000	4,500	1,500	30,000	18,400	4,890
Cumberland	557,000	92,000	1,000	650,000	597,800	158,874
Franklin	897,000	223,000	5,000	1,125,000	788,500	209,555
Fulton	3,000	400	600	4,000	3,100	824
York	833,000	6,000	5,000	844,000	715,300	190,101
SOUTH CENTRAL, TOTAL	**3,886,000**	**940,900**	**16,100**	**4,843,000**	**3,511,400**	**933,205**
Berks	350,000	279,500	1,500	631,000	357,000	94,878
Bucks	18,000	36,000	2,000	56,000	46,800	12,438
Chester	379,000	65,800	1,200	446,000	438,100	116,431
Delaware	300	100	100	500	500	133
Lancaster	9,680,800	2,594,000	50,200	12,325,000	9,677,500	2,571,940
Lebanon	1,233,000	270,000	7,000	1,510,000	1,169,500	310,812
Montgomery	148,000	900	1,100	150,000	151,500	40,263
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**11,809,100**	**3,246,300**	**63,100**	**15,118,500**	**11,840,900**	**3,146,895**
PENNSYLVANIA	**19,800,000**	**5,320,000**	**130,000**	**25,250,000**	**19,585,000**	**5,205,000**

1/ Excludes Broilers. 2/ Based on an average of 268 eggs per layer.

PENNSYLVANIA: CHICKEN INVENTORY AND EGG PRODUCTION, 1986 1/

County & District	Chickens On Farms By Class On December 1				Egg Production During Year	
	Hens and Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chickens	Total Chickens	Average Number Of Layers	Total Eggs Produced 2/
						(000)
Crawford	240,000	80,000	1,000	321,000	241,200	63,137
Erie	45,000	10,800	200	56,000	38,800	10,156
Forest	800	100	100	1,000	900	236
Mercer	25,000	800	200	26,000	25,000	6,544
Venango	3,000	600	400	4,000	3,300	864
Warren	21,000	500	500	22,000	21,200	5,549
NORTHWESTERN, TOTAL	**334,800**	**92,800**	**2,400**	**430,000**	**330,400**	**86,486**
Bradford	240,000	75,000	2,000	317,000	243,900	63,844
Cameron	300	100	100	500	300	79
Clinton	26,000	3,500	500	30,000	27,200	7,120
Elk	85,000	1,500	500	87,000	90,800	23,768
Lycoming	105,000	5,500	500	111,000	93,200	24,396
McKean	4,000	600	400	5,000	4,200	1,099
Potter	700	200	100	1,000	1,000	262
Sullivan	1,600	200	200	2,000	1,600	419
Tioga	23,000	2,300	700	26,000	17,500	4,581
NORTH CENTRAL, TOTAL	**485,600**	**88,900**	**5,000**	**579,500**	**479,700**	**125,568**
Lackawanna	3,000	800	200	4,000	3,400	890
Susquehanna	15,000	7,500	500	23,000	13,000	3,403
Wayne	2,000	800	200	3,000	2,000	524
Wyoming	55,000	600	400	56,000	46,700	12,224
NORTHEASTERN, TOTAL	**75,000**	**9,700**	**1,300**	**86,000**	**65,100**	**17,041**
Armstrong	7,000	1,800	200	9,000	8,700	2,277
Beaver	24,000	6,300	700	31,000	26,400	6,911
Butler	98,500	700	800	100,000	95,200	24,920
Clarion	4,000	2,500	500	7,000	4,500	1,178
Indiana	10,000	14,600	400	25,000	17,400	4,555
Jefferson	10,000	700	300	11,000	11,700	3,063
Lawrence	129,000	5,500	500	135,000	126,400	33,087
WEST CENTRAL, TOTAL	**282,500**	**32,100**	**3,400**	**318,000**	**290,300**	**75,991**
Blair	40,000	1,700	300	42,000	41,100	10,758
Cambria	31,000	800	200	32,000	29,500	7,722
Centre	17,000	2,500	500	20,000	14,500	3,796
Clearfield	3,000	800	200	4,000	4,000	1,047
Columbia	50,000	500	500	51,000	46,300	12,120
Dauphin	525,000	75,000	2,000	602,000	626,700	164,046
Huntingdon	6,000	700	300	7,000	5,500	1,440
Juniata	205,000	30,000	5,000	240,000	207,700	54,368
Mifflin	90,000	35,000	12,000	137,000	98,500	25,784
Montour	1,500	300	200	2,000	8,400	2,199
Northumberland	300,000	45,000	1,000	346,000	287,600	75,283
Perry	250,000	29,400	600	280,000	222,900	58,347
Snyder	135,000	46,500	3,500	185,000	146,400	38,322
Union	180,000	25,500	500	206,000	217,600	56,959
CENTRAL, TOTAL	**1,833,500**	**293,700**	**26,800**	**2,154,000**	**1,956,700**	**512,191**
Carbon	28,000	1,400	600	30,000	28,800	7,539
Lehigh	101,000	11,500	500	113,000	97,200	25,443
Luzerne	110,000	15,000	1,000	126,000	106,700	27,930
Monroe	1,200	600	200	2,000	1,700	445
Northampton	75,000	44,400	600	120,000	85,600	22,407
Pike	1,300	100	100	1,500	1,400	366
Schuylkill	490,000	157,500	2,500	650,000	584,300	152,947
EAST CENTRAL, TOTAL	**806,500**	**230,500**	**5,500**	**1,042,500**	**905,700**	**237,077**
Allegheny	26,000	500	500	27,000	23,800	6,230
Fayette	230,000	59,500	500	290,000	207,400	54,289
Greene	2,500	300	200	3,000	2,800	733
Somerset	48,000	6,500	2,500	57,000	58,400	15,287
Washington	8,500	1,000	500	10,000	8,500	2,225
Westmoreland	61,000	5,400	1,600	68,000	62,400	16,334
SOUTHWESTERN, TOTAL	**376,000**	**73,200**	**5,800**	**455,000**	**363,300**	**95,098**
Adams	1,150,000	860,000	4,000	2,014,000	1,254,400	328,354
Bedford	12,000	500	500	13,000	12,500	3,272
Cumberland	615,000	73,800	1,200	690,000	463,800	121,405
Franklin	649,000	345,500	5,500	1,000,000	604,200	158,156
Fulton	3,000	900	100	4,000	3,100	811
York	569,500	344,300	10,200	924,000	680,300	178,076
SOUTH CENTRAL, TOTAL	**2,998,500**	**1,625,000**	**21,500**	**4,645,000**	**3,018,300**	**790,074**
Berks	350,000	254,000	2,000	606,000	434,000	113,605
Bucks	73,800	25,700	500	100,000	91,100	23,846
Chester	480,000	50,000	1,000	531,000	459,100	120,175
Delaware	700	200	100	1,000	1,100	288
Lancaster	9,294,100	1,340,200	61,700	10,696,000	9,418,400	2,465,371
Lebanon	1,060,000	529,000	11,000	1,600,000	950,000	248,674
Montgomery	149,000	5,000	2,000	156,000	196,800	51,515
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**11,407,600**	**2,204,100**	**78,300**	**13,690,000**	**11,550,500**	**3,023,474**
PENNSYLVANIA	**18,600,000**	**4,650,000**	**150,000**	**23,400,000**	**18,960,000**	**4,963,000**

1/ Excludes Broilers. 2/ Based on an average 262 eggs per layer.

PENNSYLVANIA: CHICKEN INVENTORY AND EGG PRODUCTION, 1985 1/

County & District	Chickens On Farms By Class On December 1				Egg Production During Year	
	Hens and Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chickens	Total Chickens	Average Number Of Layers	Total Eggs Produced 2/
						(000)
Crawford	230,700	5,000	300	236,000	192,600	50,554
Erie	30,800	14,100	100	45,000	38,700	10,158
Forest	1,000	400	100	1,500	1,200	315
Mercer	23,700	7,000	300	31,000	23,400	6,142
Venango	3,500	400	100	4,000	3,700	971
Warren	20,300	4,300	2,400	27,000	24,000	6,300
NORTHWESTERN, TOTAL	**310,000**	**31,200**	**3,300**	**344,500**	**283,600**	**74,440**
Bradford	236,000	75,500	1,500	313,000	257,500	67,589
Cameron	300	100	100	500	500	131
Clinton	27,100	2,600	300	30,000	28,200	7,402
Elk	92,100	5,300	600	98,000	85,400	22,416
Lycoming	76,900	7,600	500	85,000	76,700	20,132
McKean	4,100	1,800	100	6,000	5,700	1,496
Potter	1,200	600	200	2,000	5,600	1,470
Sullivan	1,500	400	100	2,000	2,300	604
Tioga	11,200	13,500	300	25,000	61,700	16,195
NORTH CENTRAL, TOTAL	**450,400**	**107,400**	**3,700**	**561,500**	**523,600**	**137,435**
Lackawanna	3,600	1,200	200	5,000	7,400	1,942
Susquehanna	10,300	3,100	600	14,000	12,900	3,386
Wayne	2,000	800	200	3,000	122,000	32,023
Wyoming	36,100	12,300	600	49,000	27,500	7,218
NORTHEASTERN, TOTAL	**52,000**	**17,400**	**1,600**	**71,000**	**169,800**	**44,569**
Armstrong	9,900	2,000	100	12,000	14,300	3,753
Beaver	27,600	1,400	1,000	30,000	26,200	6,877
Butler	87,200	5,500	4,300	97,000	96,900	25,434
Clarion	4,800	1,900	300	7,000	11,000	2,887
Indiana	24,000	800	200	25,000	111,500	29,267
Jefferson	12,900	1,800	300	15,000	14,700	3,858
Lawrence	117,600	6,000	400	124,000	118,500	31,104
WEST CENTRAL, TOTAL	**284,000**	**19,400**	**6,600**	**310,000**	**393,100**	**103,180**
Blair	40,300	2,400	300	43,000	40,500	10,630
Cambria	26,500	4,300	200	31,000	25,800	6,772
Centre	11,300	3,600	100	15,000	15,500	4,068
Clearfield	4,900	900	200	6,000	6,100	1,601
Columbia	40,400	3,500	1,100	45,000	40,200	10,552
Dauphin	698,000	85,000	2,000	785,000	680,100	178,513
Huntingdon	4,700	1,100	200	6,000	5,800	1,522
Juniata	200,300	23,500	6,200	230,000	205,100	53,835
Mifflin	102,200	49,400	13,400	165,000	117,400	30,815
Montour	14,900	4,700	400	20,000	28,300	7,428
Northumberland	261,200	2,900	900	265,000	264,500	69,426
Perry	185,000	13,600	1,400	200,000	194,200	50,974
Snyder	150,700	33,000	1,300	185,000	153,800	40,370
Union	244,600	6,100	300	251,000	268,200	70,397
CENTRAL, TOTAL	**1,985,000**	**234,000**	**28,000**	**2,247,000**	**2,045,500**	**536,903**
Carbon	28,300	1,500	200	30,000	21,400	5,617
Lehigh	88,700	11,800	500	101,000	95,800	25,146
Luzerne	98,200	2,000	800	101,000	110,600	29,030
Monroe	2,100	800	100	3,000	3,300	866
Northampton	92,000	35,200	800	128,000	135,900	35,671
Pike	1,400	500	100	2,000	1,900	499
Schuylkill	650,200	117,400	3,400	771,000	618,700	162,397
EAST CENTRAL, TOTAL	**960,900**	**169,200**	**5,900**	**1,136,000**	**987,600**	**259,226**
Allegheny	20,500	6,000	500	27,000	24,700	6,483
Fayette	174,700	109,700	600	285,000	118,400	31,078
Greene	3,000	900	100	4,000	4,200	1,102
Somerset	65,900	2,400	700	69,000	54,800	14,384
Washington	8,100	2,400	500	11,000	13,200	3,465
Westmoreland	60,800	1,000	2,200	64,000	67,200	17,639
SOUTHWESTERN, TOTAL	**333,000**	**122,400**	**4,600**	**460,000**	**282,500**	**74,151**
Adams	1,298,000	532,000	4,000	1,834,000	1,283,200	336,815
Bedford	12,400	2,500	100	15,000	12,300	3,229
Cumberland	290,000	80,500	1,500	372,000	313,500	82,288
Franklin	530,000	75,700	21,300	627,000	537,300	141,031
Fulton	3,000	800	200	4,000	3,800	997
York	758,000	133,100	8,900	900,000	760,700	199,669
SOUTH CENTRAL, TOTAL	**2,891,400**	**824,600**	**36,000**	**3,752,000**	**2,910,800**	**764,029**
Berks	497,000	147,400	1,600	646,000	481,800	126,463
Bucks	103,900	30,000	6,100	140,000	129,500	33,991
Chester	415,900	55,200	900	472,000	422,700	110,951
Delaware	1,500	400	100	2,000	1,900	499
Lancaster	9,086,000	1,561,100	78,900	10,726,000	8,574,100	2,250,538
Lebanon	794,000	189,600	1,400	985,000	732,100	192,162
Montgomery	235,000	10,700	1,300	247,000	249,400	65,463
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**11,133,300**	**1,994,400**	**90,300**	**13,218,000**	**10,591,500**	**2,780,067**
PENNSYLVANIA	**18,400,000**	**3,520,000**	**180,000**	**22,100,000**	**18,188,000**	**4,774,000**

1/ Excludes Broilers. 2/ Based on an average of 262 eggs per layer.

PENNSYLVANIA: BROILER-TYPE EGGS SET, CHICKS HATCHED AND PLACEMENTS BY WEEKS, 1988-1989

Year And Week Ending	Eggs Set 1/	Chicks Hatched	Broilers Placed	Year And Week Ending	Eggs Set 1/	Chicks Hatched	Broilers Placed
	(000)				(000)		
1987:				1988:			
Nov. 14	3,333	2,423	2,301	Nov. 12	3,531	2,657	2,529
21	3,567	2,718	2,427	19	3,298	2,755	2,448
28	3,731	2,842	2,607	26	3,290	2,721	2,424
Dec. 5	3,303	2,582	2,446	Dec. 3	3,330	2,764	2,584
12	3,334	2,807	2,461	10	3,370	2,585	2,393
19	3,500	2,939	2,702	17	3,463	2,583	2,376
26	3,313	2,618	2,428	24	3,492	2,627	2,451
				31	3,426	2,664	2,427
1988:							
Jan. 2	3,516	2,608	2,433	1989:			
9	3,233	2,751	2,612	Jan. 7	3,605	2,650	2,422
16	3,582	2,614	2,403	14	3,494	2,686	2,444
23	3,235	2,742	2,562	21	3,554	2,692	2,527
30	3,271	2,529	2,288	28	3,464	2,797	2,539
Feb. 6	3,521	2,795	2,509	Feb. 4	3,175	2,753	2,532
13	3,552	2,471	2,285	11	3,545	2,855	2,557
20	3,633	2,595	2,279	18	3,306	2,727	2,482
27	3,822	2,670	2,339	25	3,718	2,533	2,331
Mar. 5	3,606	2,764	2,459	Mar. 4	3,472	2,819	2,552
12	3,513	2,715	2,506	11	3,637	2,663	2,437
19	3,741	2,994	2,678	18	3,813	2,908	2,686
26	3,481	2,823	2,668	25	3,422	2,793	2,534
Apr. 2	3,533	2,791	2,590	Apr. 1	3,498	2,870	2,727
9	3,512	2,973	2,850	8	3,572	2,977	2,785
16	3,608	2,778	2,653	15	3,727	2,745	2,529
23	3,671	2,779	2,443	22	3,918	2,725	2,443
30	3,564	2,758	2,422	29	3,798	2,861	2,553
May. 7	3,554	2,862	2,514	May. 6	3,805	2,982	2,743
14	3,536	2,912	2,620	13	3,524	3,150	2,848
21	3,747	2,781	2,648	20	3,756	3,034	2,648
28	3,560	2,855	2,630	27	3,415	3,054	2,798
Jun. 4	3,415	2,780	2,581	Jun. 3	3,690	2,860	2,649
11	3,403	2,917	2,720	10	3,450	2,964	2,772
18	3,574	2,902	2,734	17	3,670	2,768	2,627
25	3,452	2,708	2,557	24	3,842	2,914	2,693
Jul. 2	3,178	2,689	2,544	Jul. 1	3,545	2,741	2,564
9	3,721	2,696	2,505	8	3,289	2,887	2,593
16	3,357	2,702	2,438	15	3,401	3,044	2,783
23	3,358	2,488	2,239	22	3,296	2,881	2,663
30	3,459	2,911	2,578	29	3,433	2,685	2,430
Aug. 6	3,625	2,590	2,348	Aug. 5	3,439	2,729	2,497
13	3,846	2,529	2,405	12	3,384	2,672	2,384
20	3,680	2,677	2,576	19	3,205	2,668	2,488
27	3,537	2,815	2,544	26	3,542	2,761	2,601
Sep. 3	3,647	2,868	2,584	Sep. 2	3,489	2,682	2,526
10	3,398	2,775	2,470	9	3,178	2,519	2,390
17	3,261	2,682	2,471	16	2,794	2,781	2,611
24	3,265	2,832	2,658	23	3,071	2,760	2,591
				30	3,587	2,519	2,397
Oct. 1	3,566	2,737	2,557				
8	3,315	2,415	2,343	Oct. 7	3,238	2,239	2,080
15	3,239	2,525	2,529	14	3,203	2,337	2,236
22	3,369	2,664	2,549	21	2,930	2,741	2,589
29	3,491	2,450	2,494	28	3,127	2,462	2,321
Nov. 5	3,487	2,430	2,413	Nov. 4	3,000	2,494	2,358
TOTAL 3/	181,715	141,271	130,600	TOTAL 4/	179,221	142,738	131,592

1/ Eggs set and chicks hatched for all broiler type chicks, those to be raised as broilers and those to be raised for breeder flock replacement. 2/ Placements for broiler production in Pennsylvania only. 3/ Production year 1988 includes weeks ending November 14, 1987 through November 5, 1988. 4/ Production year 1989 includes weeks ending November 12, 1988 through November 4, 1989.

PENNSYLVANIA: BROILER PRODUCTION AND VALUE, 1989

County	Number Produced	Pounds Produced	Value Of Production
		(000)	
Adams	1,700	7,310	2,705
Berks	6,000	25,800	9,546
Chester	3,500	15,050	5,569
Columbia	800	3,440	1,273
Cumberland	1,500	6,450	2,387
Dauphin	3,500	15,050	5,569
Franklin	3,700	15,910	5,887
Huntingdon	2,500	10,750	3,978
Juniata	8,500	36,550	13,524
Lancaster	55,600	239,080	88,456
Lebanon	12,200	52,460	19,410
Mifflin	3,100	13,330	4,932
Montour	700	3,010	1,114
Northumberland	4,000	17,200	6,364
Perry	5,000	21,500	7,955
Schuykill	3,500	15,050	5,569
Snyder	5,100	21,930	8,114
Union	2,000	8,600	3,182
York	2,800	12,040	4,455
Other Counties	2,000	8,600	3,182
Pennsylvania	127,700	549,110	203,171

PENNSYLVANIA: COMMERCIAL BROILERS AND ROASTERS - PRODUCTION AND VALUE, 1965-1989

Year	Number Produced	Pounds Per Bird	Pounds Produced	Price Per Pound	Value Of Production
	(000)	Pounds	(000)	Cents	(000)
1965	42,962	3.9	167,552	17.6	29,489
1970 1/	53,677	4.0	214,708	15.6	33,494
1975	65,770	4.1	269,657	31.5	84,942
1978	99,300	4.0	397,200	27.3	108,436
1979	109,206	4.1	447,745	27.5	123,130
1980	111,553	4.0	446,212	28.5	127,170
1981	115,058	4.0	460,232	30.0	138,070
1982	114,889	4.1	471,045	27.0	127,182
1983	102,642	4.1	420,832	28.0	117,833
1984	89,435	4.1	366,683	33.0	121,006
1985	94,696	4.2	397,723	31.0	123,294
1986	101,907	4.2	428,009	32.0	136,963
1987	115,635	4.2	485,667	29.0	140,843
1988	126,900	4.2	532,980	33.0	175,883
1989	127,700	4.3	549,110	37.0	203,171

1/ Beginning with 1970, marketing year ends November 30.

PENNSYLVANIA: EGGS - PRODUCTION AND VALUE, 1965-1989 2/

Year	Number Produced	Price Per Dozen	Value Of Production
	Million	Cents	(000)
1965	3,392	36.1	102,043
1970 1/	3,220	40.9	109,748
1975	2,800	51.2	119,467
1978	3,436	49.3	141,163
1979	3,836	55.7	178,055
1980	4,251	51.0	180,668
1981	4,268	60.0	213,400
1982	4,324	58.0	208,993
1983	4,716	59.0	231,871
1984	4,282	72.0	256,920
1985	4,774	55.0	218,808
1986	4,963	59.0	244,014
1987	5,205	43.0	186,513
1988	5,317	42.0	186,095
1989	5,232	59.0	257,240

1/ Beginning with 1970, marketing year ends November 30. 2/ Includes Market and Hatchery Eggs.

PENNSYLVANIA: TURKEYS - PRODUCTION AND VALUE, 1965-1989

Year	Number Produced 1/	Pounds Per Bird	Pounds Produced	Price Per Pound	Value Of Production
	(000)	Pounds	(000)	Cents	(000)
1965	1,750	19.0	33,218	26.5	8,803
1970	2,266	19.6	44,414	25.4	11,281
1975	2,838	19.0	53,922	37.3	20,113
1978	3,450	18.0	62,100	47.4	29,435
1979	4,740	18.0	85,320	46.0	39,247
1980	5,510	17.0	93,670	45.0	42,152
1981	5,680	19.0	107,920	45.0	48,564
1982	5,300	19.0	100,700	47.0	47,329
1983	6,800	19.0	129,200	47.0	60,724
1984	6,100	18.0	109,800	59.0	64,782
1985	7,100	19.0	134,900	50.0	67,450
1986	7,800	20.0	156,000	51.0	79,560
1987	8,000	20.0	160,000	42.0	67,200
1988	7,900	20.0	158,000	44.0	69,520
1989	8,400	20.0	168,000	43.0	72,240

1/ Includes poults shipped into Pennsylvania.

MINK - 1989

BY GLENN A. STRASBURG

Pennsylvania's 43 mink ranchers produced 169,000 pelts in 1989 compared with 162,700 pelts in 1988. Pennsylvania ranked 9th in the nation in 1989 mink pelt production. The number of females bred to produce kits for 1990 is estimated to be 27,100 , 35 percent less than 1989.

Mink: Historical Perspective, 1969-1990 1/

Year	Ranches Producing Pelts	Females Bred	Pelts Produced
1969	143	-	223,000
1970	106	58,000	159,000
1971	68	40,500	123,000
1972	57	38,000	107,000
1973	59	37,500	109,000
1974	54	38,600	121,000
1975	51	39,500	125,000
1976	49	38,500	126,000
1977	48	40,300	129,000
1978	46	40,800	138,000
1979	45	42,200	151,900
1980	47	44,500	156,600
1981	1/	45,600	1/
1982	46	1/	156,000
1983	49	44,400	174,700
1984	48	44,000	158,600
1985	47	42,400	137,500
1986	41	39,100	140,700
1987	44	40,100	146,900
1988	43	42,000	162,700
1989	43	41,900	169,000
1990	-	27,100	-

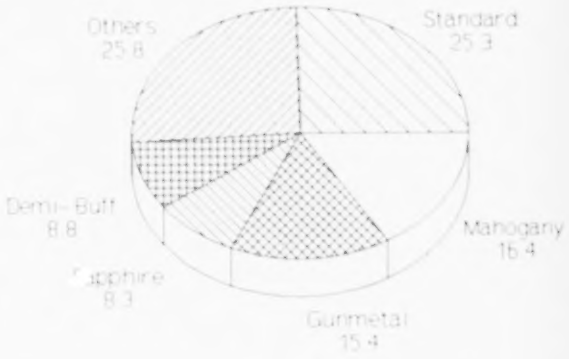
1/ Survey was discontinued for the 1981 crop. Reinstated for the 1982 crop.

The major production areas are counties in the Central District (68 percent) and the Northwest District (23 percent).

By color class, standard was the major pelt color produced in 1989, 25.3 percent of the total. Respectively, mahogany and Gunmetal represented 16.4 percent and 15.4 percent of the 1989 pelt production.

The U.S. average marketing price per pelt produced for the 1989 crop year was $25.80, compared with $32.30 in 1988 and $43.00 in 1987. Average prices for Pennsylvania are not available.

PELT PRODUCTION BY COLOR CLASS 1989



PENNSYLVANIA: MINK PELTS PRODUCED AND FEMALES BRED, BY COLOR CLASS, 1987-1990

Color Class	Pelts Produced			Females Bred To Produce Kits		
	1987	1988	1989	1988	1989	1990
Standard	24,700	43,400	42,800	9,100	11,900	9,400
Ranch Wild	12,100	2/	8,700	3,100	1,500	2/
Demi-Buff 1/	15,900	17,800	14,800	3,900	4,100	1,200
Pastel	9,000	9,700	9,200	2,000	2,200	700
Pale Brown	-	2/	2/	-	2/	-
Sapphire	9,900	13,300	14,000	3,900	4,200	3,300
Gunmetal	24,100	23,800	26,100	7,600	6,700	6,400
Mahogany	26,700	24,500	27,700	6,500	6,400	2,400
Pearl	5,100	4,400	4,000	1,400	1,000	100
Pink	9,300	9,000	9,000	2,400	1,800	1,200
Violet Type	5,200	3,500	5,700	1,200	1,300	1,000
White	2/	2/	2/	2/	2/	2/
Misc. & Unclassified	1,700	1,200	2/	2/	2/	2/
TOTAL	146,900	162,700	169,000	42,000	41,900	27,100

1/ This color class includes demi-buff, dark brown, violet, pastel, standard and pearl crosses and others. 2/ Included in total to avoid disclosing individual operations.

HONEY PRODUCTION - 1989

BY GLENN A. STRASBURG

Honey production for 1989 by producers with 5 or more hives totaled 1.6 million pounds. Honey producers took honey from 41,000 colonies with an average yield of 39 pounds per colony. Honey production was limited by an unusually wet Spring. Honey stocks on hand, as of December 15th, were 560,000 pounds.

Honey producers received an average price of 63 cents per pound for the 1989 crop.

The 1989 honey production is valued at 1.0 million dollars. Pennsylvania ranks 24th in the nation for honey production.

A sample of honey producers were surveyed in December for information on number of colonies, honey production, honey stocks on hand for sale, and prices received for honey sold.

PENNSYLVANIA: HONEY, PRODUCTION AND VALUE, 1970-1989

Year	Colonies Of Bees	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand 1/
	(000)	Pounds	(000) Pounds	Dollars	(000) Dollars	(000) Pounds
1970	96	39	3,744	.202	756	1,385
1971	89	40	3,560	.252	897	1,566
1972	92	41	3,772	.338	1,275	981
1973	95	40	3,800	.443	1,683	1,330
1974	100	21	2,100	.594	1,247	735
1975	86	25	2,150	.589	1,266	645
1976	93	31	2,883	.615	1,773	923
1977	93	31	2,883	.656	1,891	865
1978	78	31	2,418	.653	1,579	725
1979	74	41	3,034	.643	1,951	1,001
1980	80	41	3,280	.700	2,296	1,181
1981	85	30	2,550	.831	2,119	995
1986 2/	50	32	1,600	.550	880	624
1987	48	39	1,872	.680	1,273	711
1988	45	46	2,070	.670	1,367	683
1989	41	39	1,599	.630	1,007	560

1/ Stocks on hand December 15 for sale. 2/ Survey discontinued after 1981 and reinstated in 1986.

PENNSYLVANIA AND MAJOR STATES: NUMBER OF COLONIES, PRODUCTION, STOCKS, AND VALUE - 1989

State	Colonies Of Bees	Yield Per Colony	Production	Stocks December 15	Value Of Production
	(000) Colonies	Pounds	-------- (000) Pounds --------		(000) Dollars
Pennsylvania	**41**	**39**	**1,599**	**560**	**1,007**
Arizona	71	45	3,195	1,054	1,949
California	535	34	18,190	2,729	8,186
Colorado	50	66	3,300	495	1,815
Florida	235	59	13,865	971	6,794
Georgia	116	27	3,132	125	1,754
Idaho	105	54	5,670	1,021	2,665
Kansas	35	46	1,610	403	757
Michigan	93	70	6,510	1,497	3,841
Minnesota	155	92	14,260	3,280	6,132
Montana	100	63	6,300	819	2,835
Nebraska	119	62	7,378	1,476	3,394
North Dakota	290	56	16,240	1,137	7,146
South Dakota	230	49	11,270	2,029	5,297
Texas	134	56	7,504	1,576	3,527
Wisconsin	101	74	7,474	1,495	4,484
U.S. TOTAL	**3,311**	**51.1**	**169,274**	**31,107**	**84,606**

CROP PRODUCTION - 1989

By STEVEN P. GUNN

1989 CROP SUMMARY: A cool and dry April delayed planting and early field work. Further delays resulted from eight weeks of above normal precipitation in May and June where the state received 7.08 inches of above normal rainfall. Spring plowing was not complete until mid June, about two weeks behind 1988 and a week behind normal.

Although July's precipitation was still above average, it brought drier weather to the state. Topsoil moisture went from a 72 percent short rating at the end of April, to 69 and 92 percent surplus ratings by the end of May and June respectively. By the end of July, the surplus rating fell to 18 percent. Soil moisture continued to drop as the state experienced seven straight weeks of below normal precipitation from late July through early September. By mid September the surplus soil moisture rating was down to 2 percent. Pennsylvania experienced below normal temperatures through the second week of May, then had above normal temperatures for eleven of the next twelve weeks.

Wet conditions in June delayed the first cutting of hay by almost three weeks. Small grain progress was delayed by the wet spring weather. Barley grain harvest started in the last week of June, about one week behind 1988. Wheat harvest began in the second week of July, a week behind 1988. Barley harvest was complete by mid-August and wheat harvest was complete by the third week of August, both about one week behind 1988.

The spring rains delayed the progress of maturity for the fall harvested crops. Corn height by the end of July was 53 inches, 7 inches behind normal but 9 inches above the drought shortened 1988 crop. Potato harvest began in late July and proceeded behind normal but ahead of 1988 until completion in late October. Corn harvest for ensilage began in late August, about a week behind normal and two weeks behind 1988. Ensilage harvest remained behind 1988 and normal levels throughout the fall and reached completion in the third week of November, a week later than 1988 and normal. Corn for grain harvest began in the last week of September, a week later than 1988 and normal. Corn harvest progression lagged behind normal until completion in mid December. Soybean harvest began in early October, slightly behind normal. Soybean harvest was completed by the second week of December, slightly behind normal. Tobacco harvest ran from mid August through late September, slightly ahead of normal.

SMALL GRAINS: Production of winter wheat was 7,955,000 bushels, 12 percent less than production in 1988. Acreage harvested was up from a record low of 170,000 in 1988 to 215,000 in 1989. Yields were down 30 percent to 37 bushels per acre in 1989. Oats production was 13,770,000, up 6 percent from 1988. Harvested oats acreage was a record low of 255,000 in 1989 down from the previous record of 260,000 in 1988. Oat yields improved 8 percent to 54 bushels per acre. Barley production for 1989 was 5,015,000 bushels, up 38 percent. Acreage harvested was 85,000, up from 1988's 55,000 acres. Barley yield declined 11 percent to 59 bushels per acre. Rye production was 576,000 bushels in 1989, 16 percent less than 1988. Acreage harvested was down from 19,000 to 18,000. Rye yield decreased 11 percent to 32 bushels per acre.

HAY: Production of all hay in 1989 was 4,709,000 tons, 3 percent above 1988. Total acres harvested was 1,930,000, down 2 percent. Yield was 2.44 tons per acre, up from 2.33 tons in 1988. Alfalfa hay production was 2,378,000 tons, 2 percent below 1988. Alfalfa acreage harvested was 820,000, down 20,000 from 1988. Yield was 2.90 tons per acre, the same as 1988. Other hay production was 2,331,000 tons, up 10 percent from 1988. Other hay acreage harvested decreased from 1,120,000 to 1,110,000. Yields increased from 1.90 to 2.10 tons per acre.

ROW CROPS: The 1989 corn crop was much larger than the drought effected crop of 1988. Corn for grain production was up 67 percent to 98,880,000 bushels. Corn acres harvested for grain amounted to 960,000 acres, up 5 percent. Yield 103 bushels per acre, 38 better than 1988. Corn silage production was 6,000,000 tons, 9 percent above 1988. Acres harvested for silage totaled 400,000 acres, down 27 percent from last year. Yield averaged 15 tons per acre, up 5 tons. Soybean production for 1989 was a record high 10,370,000 bushels, 32 percent more than 1988. Acres harvested was a record high 305,000, up 60,000 acres. Yield per acre was 34 bushels, 2 more than 1988. Potato production was 4,715,000 cwt., 28 percent more than 1988. Acres harvested tied 1988's record low of 20,500. Yield increased 50 cwt. to 230 cwt. per acre. Total production of tobacco was 17,925,000 lbs., down 1 percent from 1988. Total acres harvested remained the same at 9,500. Yield decreased 26 lbs. to 1,887 lbs. per acre.

PENNSYLVANIA: SUMMARY OF PRINCIPAL CROPS HARVESTED IN 1989

Crop	Acres Harvested	Production 1/			Value 2/	
		Unit	Per Acre	Total	Per Unit	Total
				(000)	Dols.	(000) Dols.
Wheat	215,000	Bu.	37	7,955	3.50	27,843
Rye	18,000	Bu.	32	576	3.25	1,872
Oats	255,000	Bu.	54	13,770	1.65	22,721
Barley	85,000	Bu.	59	5,015	1.95	9,779
Soybeans	305,000	Bu.	34	10,370	5.55	57,554
Corn, For Grain	960,000	Bu.	103	98,880	2.75	271,920
Corn, For Silage	400,000	Ton	15.0	6,000	23.00	138,000
Hay, All	1,930,000	Ton	2.44	4,709	94.50	445,001
Hay, Alfalfa	820,000	Ton	2.90	2,378	-	-
Hay, Other	1,110,000	Ton	2.10	2,331	-	-
Potatoes	20,500	Cwt.	230	4,715	7.60	35,834
Tobacco--All	9,500	Lb.	1,887	17,925	1.378	24,709
Mushrooms 3/	-	Lb.	-	294,070	.736	216,436
Strawberries	1,800	Cwt.	47	85	101.00	8,585
Fresh Vegetables:						
Sweet Corn	17,100	Cwt.	85	1,454	20.90	30,389
Tomatoes	4,000	Cwt.	200	800	21.40	17,120
Processing Vegetables 4/:	12,200	Ton	-	62.7	-	7,809
Snap Beans	5,700	Ton	2.55	14.5	226.00	3,286
Sweet Corn	2,000	Ton	4.89	9.8	54.00	528
Tomatoes	1,700	Ton	20.80	35.4	93.50	3,306
Pears	-	Ton	-	5.40	394.00	2,128
Cherries, Sweet	-	Ton	-	.65	1,500.00	975
Grapes	-	Ton	-	60.00	274.00	16,456
				Million Pounds		
Apples	-	Lb.	-	320	.107	34,160
Peaches	-	Lb.	-	65.0	.258	16,799
Cherries, Tart	-	Lb.	-	5.7	.180	1,027
TOTAL: ALL CROPS	-		-	-	-	1,387,117

1/ Excludes some quantities of vegetables and fruit not harvested or not marketed because of economic conditions and excess cullage of fruit. 2/ Includes allowance for loans outstanding and purchases by government valued at average loan and purchase rates. 3/ 1988 production year ending June 30, 1989. 4/ Includes some unlisted crops.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, DISPOSITION AND VALUE OF GRAINS AND HAY 1960-1989

Year	Acres		Production		Season Average Price Per Unit	Value Of Production
	Planted	Harvested	Per Acre	Total		
	(000)		Bushel	(000) Bu.	$/Bu.	(000) Dols.
			Winter Wheat			
1960	546	535	29.5	15,782	1.67	26,356
1970	286	275	33.0	9,075	1.42	12,887
1980	260	250	37.0	9,250	4.10	37,925
1985	220	210	48.0	10,080	3.05	30,744
1986	230	220	44.0	9,680	2.75	26,620
1987	190	185	43.0	7,955	2.90	23,070
1988	175	170	53.0	9,010	3.70	33,337
1989	220	215	37.0	7,955	3.50	27,843
			Oats			
1960	684	653	42.5	27,752	.74	20,536
1970	420	395	57.0	22,515	.78	17,562
1980	360	340	56.0	19,040	2.13	40,555
1985	320	300	70.0	21,000	1.26	26,460
1986	290	260	62.0	16,120	1.37	22,084
1987	290	260	57.0	14,820	1.83	27,121
1988	290	260	50.0	13,000	2.34	30,420
1989	280	255	54.0	13,770	1.65	22,721
			Barley			
1960	172	168	45.0	7,560	.92	6,955
1970	180	172	50.0	8,600	.96	8,256
1980	80	75	50.0	3,750	2.89	10,838
1985	75	70	62.0	4,340	1.60	6,944
1986	70	65	60.0	3,900	1.35	5,265
1987	65	60	57.0	3,420	1.45	4,959
1988	60	55	66.0	3,630	2.40	8,712
1989	90	85	59.0	5,015	1.95	9,779
			Soybeans			
1960	26	7	23.0	161	2.10	338
1970	30	28	32.0	896	2.90	2,598
1980	135	130	24.5	3,185	7.60	24,206
1985	190	185	35.0	6,475	4.75	30,756
1986	180	175	35.0	6,125	4.85	29,706
1987	190	185	34.0	6,290	6.20	38,998
1988	250	245	32.0	7,840	7.45	58,408
1989	310	305	34.0	10,370	5.55	57,554
			Corn For Grain			
1960	1,202	923	67.0	61,841	1.22	75,446
1970	1,260	914	89.0	81,346	1.51	122,832
1980	1,800	1,280	75.0	96,000	3.62	347,520
1985	1,780	1,380	110.0	151,800	2.48	376,464
1986	1,670	1,240	103.0	127,720	1.83	233,728
1987	1,550	1,090	93.0	101,370	2.47	250,384
1988	1,480	910	65.0	59,150	3.10	183,365
1989	1,380	960	103.0	98,880	2.75	271,920
			Corn For Silage			
			Tons	(000) Tons	$/Ton	
1960	-	260	11.5	2,990	8.50	25,415
1970	-	318	15.5	4,929	10.50	51,755
1980	-	498	12.6	6,275	22.50	141,188
1985	-	395	16.5	6,518	23.70	154,477
1986	-	420	15.0	6,300	19.00	119,700
1987	-	450	14.5	6,525	21.30	138,983
1988	-	550	10.0	5,500	27.60	151,800
1989	-	400	15.0	6,000	23.00	138,000
			All Hay			
1960	-	2,087	1.91	3,991	24.30	96,981
1970	-	2,069	2.18	4,511	30.00	135,330
1980	-	1,950	2.14	4,182	75.00	313,650
1985	-	1,990	2.66	5,302	67.50	357,885
1986	-	1,990	2.56	5,103	80.00	408,240
1987	-	1,980	2.57	5,093	84.50	430,359
1988	-	1,960	2.33	4,564	92.50	422,170
1989	-	1,930	2.44	4,709	94.50	445,001

PENNSYLVANIA: GRAIN AND HAY STOCKS BY POSITIONS, QUARTERLY 1987-1989

Quarter and Year	On-Farms	Off-Farms 1/	Total All Positions
		(000) Bushels	
		Corn	
MARCH 1			
1987	89,000	8,013	97,013
1988	62,000	6,845	68,845
1989	45,000	5,475	50,475
JUNE 1			
1987	51,000	6,367	57,367
1988	32,000	5,570	37,570
1989	22,000	4,250	26,250
SEPTEMBER 1			
1987	28,000	4,070	32,070
1988	17,700	4,015	21,715
1989	10,000	2,635	12,635
DECEMBER 1			
1987	85,000	8,596	93,596
1988	52,000	5,195	57,195
1989	85,000	7,049	92,049
		All Wheat	
MARCH 1			
1987	*	3,914	*
1988	*	4,210	*
1989	*	4,985	*
JUNE 1			
1987	*	2,222	*
1988	*	2,175	*
1989	*	2,025	*
SEPTEMBER 1			
1987	*	6,220	*
1988	*	8,610	*
1989	*	5,650	*
DECEMBER 1			
1987	*	5,197	*
1988	*	7,300	*
1989	*	5,389	*
		Oats 2/	
JUNE 1			
1987	3,700	454	4,154
1988	3,100	635	3,735
1989	2,400	560	2,960
		Barley 2/	
JUNE 1			
1987	*	130	*
1988	*	149	*
1989	*	210	*
		Hay	
		(000) Tons	
MAY 1			
1987	765	-	765
1988	968	-	968
1989	896	-	896
DECEMBER 1			
1987	3,973	-	3,973
1988	3,195	-	3,195
1989	3,155	-	3,155

1/ Includes stocks at mills, elevators, warehouses, terminals, processors and CCC-owned grain at bin sites.
2/ Quarterly estimates not available. June 1 stocks represent end of market year stocks. * Separate estimates for Pennsylvania not available.

PENNSYLVANIA: CORN FOR GRAIN - ACREAGE, YIELD, PRODUCTION AND VALUE, 1989

County & District	Total Planted	Harvested for Grain	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	26,800	17,500	91.0	1,592,500	4,379,400
Erie	17,500	11,500	96.0	1,104,000	3,036,000
Forest	500	300	92.0	27,600	75,900
Mercer	26,900	21,500	89.0	1,913,500	5,262,100
Venango	5,100	4,000	87.0	348,000	957,000
Warren	5,000	1,300	89.0	115,700	318,200
NORTHWESTERN, TOTAL	**81,800**	**56,100**	**90.9**	**5,101,300**	**14,028,600**
Bradford	37,500	11,000	109.0	1,199,000	3,297,300
Cameron	200	100	86.0	8,600	23,700
Clinton	11,000	7,800	88.0	686,400	1,887,600
Elk	1,100	700	84.0	58,800	161,700
Lycoming	26,100	20,000	105.0	2,100,000	5,775,000
McKean	1,600	400	96.0	38,400	105,600
Potter	5,600	1,300	95.0	123,500	339,600
Sullivan	3,600	1,200	96.0	115,200	316,800
Tioga	14,100	7,000	83.0	581,000	1,597,800
NORTH CENTRAL, TOTAL	**100,800**	**49,500**	**99.2**	**4,910,900**	**13,505,100**
Lackawanna	2,900	1,500	85.0	127,500	350,600
Susquehanna	11,300	2,700	89.0	240,300	660,800
Wayne	5,000	1,700	89.0	151,300	416,100
Wyoming	5,900	3,000	84.0	252,000	693,000
NORTHEASTERN, TOTAL	**25,100**	**8,900**	**86.6**	**771,100**	**2,120,500**
Armstrong	15,100	12,000	91.0	1,092,000	3,003,000
Beaver	6,800	5,000	86.0	430,000	1,182,500
Butler	20,500	14,700	99.0	1,455,300	4,002,100
Clarion	10,400	7,000	83.0	581,000	1,597,800
Indiana	30,700	22,500	96.0	2,160,000	5,940,000
Jefferson	8,600	4,900	89.0	436,100	1,199,300
Lawrence	20,100	15,000	106.0	1,590,000	4,372,500
WEST CENTRAL, TOTAL	**112,200**	**81,100**	**95.5**	**7,744,400**	**21,297,200**
Blair	25,100	12,500	107.0	1,337,500	3,678,100
Cambria	7,300	3,800	92.0	349,600	961,400
Centre	33,000	25,000	93.0	2,325,000	6,393,800
Clearfield	5,300	3,800	91.0	345,800	951,000
Columbia	21,800	18,600	97.0	1,804,200	4,961,600
Dauphin	26,700	21,200	103.0	2,183,600	6,004,900
Huntingdon	22,200	12,500	102.0	1,275,000	3,506,300
Juniata	18,000	13,000	110.0	1,430,000	3,932,500
Mifflin	19,300	11,000	113.0	1,243,000	3,418,300
Montour	8,500	6,500	108.0	702,000	1,930,500
Northumberland	32,900	30,000	90.0	2,700,000	7,425,000
Perry	19,000	13,800	103.0	1,421,400	3,908,900
Snyder	17,700	13,500	100.0	1,350,000	3,712,500
Union	21,700	17,500	101.0	1,767,500	4,860,600
CENTRAL, TOTAL	**278,500**	**202,700**	**99.8**	**20,234,600**	**55,645,400**
Carbon	2,100	1,800	91.0	163,800	450,500
Lehigh	26,500	25,000	93.0	2,325,000	6,393,800
Luzerne	8,200	6,000	89.0	534,000	1,468,500
Monroe	4,300	4,000	97.0	388,000	1,067,000
Northampton	33,400	30,000	111.0	3,330,000	9,157,500
Pike	500	400	94.0	37,600	103,400
Schuylkill	20,100	17,400	95.0	1,653,000	4,545,800
EAST CENTRAL, TOTAL	**95,100**	**84,600**	**99.7**	**8,431,400**	**23,186,500**
Allegheny	1,700	1,100	111.0	122,100	335,800
Fayette	11,200	9,000	108.0	972,000	2,673,000
Greene	2,400	1,300	115.0	149,500	411,100
Somerset	28,100	14,500	101.0	1,464,500	4,027,400
Washington	14,600	10,900	95.0	1,035,500	2,847,600
Westmoreland	19,800	16,000	92.0	1,472,000	4,048,000
SOUTHWESTERN, TOTAL	**77,800**	**52,800**	**98.8**	**5,215,600**	**14,342,900**
Adams	33,500	25,000	98.0	2,450,000	6,737,500
Bedford	32,500	17,400	108.0	1,879,200	5,167,800
Cumberland	51,800	35,000	106.0	3,710,000	10,202,500
Franklin	63,500	38,900	107.0	4,162,300	11,446,300
Fulton	10,900	6,600	97.0	640,200	1,760,600
York	72,000	62,400	110.0	6,864,000	18,876,000
SOUTH CENTRAL, TOTAL	**264,200**	**185,300**	**106.3**	**19,705,700**	**54,190,700**
Berks	74,200	59,000	105.0	6,195,000	17,036,300
Bucks	15,400	13,000	100.0	1,300,000	3,575,000
Chester	46,300	35,000	112.0	3,920,000	10,780,000
Delaware	1,200	1,000	115.0	115,000	316,300
Lancaster	157,000	95,500	118.0	11,269,000	30,989,000
Lebanon	39,100	26,000	116.0	3,016,000	8,294,000
Montgomery	11,300	9,500	100.0	950,000	2,612,500
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**344,500**	**239,000**	**112.0**	**26,765,000**	**73,603,100**
PENNSYLVANIA	**1,380,000**	**960,000**	**103.0**	**98,880,000**	**271,920,000**

PENNSYLVANIA: CORN FOR GRAIN - ACREAGE, YIELD AND PRODUCTION, 1988-1987

County & District	1988				1987			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Bushels	Bushels	Acres	Acres	Bushels	Bushels
Crawford	30,400	20,000	78.0	1,560,000	34,400	24,300	103.0	2,502,900
Erie	18,300	12,000	85.0	1,020,000	21,500	14,000	106.0	1,484,000
Forest	500	300	89.0	26,700	500	300	109.0	32,700
Mercer	24,500	22,500	78.0	1,755,000	30,600	24,500	114.0	2,793,000
Venango	4,500	4,200	87.0	365,400	6,900	5,300	101.0	535,300
Warren	5,100	1,500	87.0	130,500	6,200	1,800	111.0	199,800
NORTHWESTERN, TOTAL	**83,300**	**60,500**	**80.3**	**4,857,600**	**100,100**	**70,200**	**107.5**	**7,547,700**
Bradford	41,000	13,000	72.0	936,000	33,500	16,000	110.0	1,760,000
Cameron	200	100	79.0	7,900	200	100	92.0	9,200
Clinton	10,800	7,500	69.0	517,500	11,600	9,000	112.0	1,008,000
Elk	1,000	800	83.0	66,400	1,500	900	96.0	86,400
Lycoming	29,900	21,900	80.0	1,752,000	28,100	24,000	95.0	2,280,000
McKean	1,600	400	59.0	23,600	2,100	400	98.0	39,200
Potter	6,800	1,600	74.0	118,400	6,400	2,200	105.0	231,000
Sullivan	3,300	1,300	72.0	93,600	3,400	1,300	91.0	118,300
Tioga	17,800	7,500	59.0	442,500	21,200	8,500	90.0	765,000
NORTH CENTRAL, TOTAL	**112,400**	**54,100**	**73.2**	**3,957,900**	**108,000**	**62,400**	**100.9**	**6,297,100**
Lackawanna	2,300	1,200	82.0	98,400	3,200	1,500	85.0	127,500
Susquehanna	11,200	2,200	66.0	145,200	12,200	3,200	101.0	323,200
Wayne	5,000	1,700	87.0	147,900	7,000	2,000	87.0	174,000
Wyoming	7,000	3,500	71.0	248,500	8,400	4,300	83.0	356,900
NORTHEASTERN, TOTAL	**25,500**	**8,600**	**74.4**	**640,000**	**30,800**	**11,000**	**89.2**	**981,600**
Armstrong	14,500	11,000	45.0	495,000	14,600	12,000	112.0	1,344,000
Beaver	5,900	4,500	52.0	234,000	7,700	6,300	99.0	623,700
Butler	19,400	14,000	71.0	994,000	20,500	16,900	116.0	1,960,400
Clarion	10,100	6,500	60.0	390,000	11,200	8,500	118.0	1,003,000
Indiana	29,500	16,500	49.0	808,500	25,600	21,000	102.0	2,142,000
Jefferson	9,000	4,000	59.0	236,000	8,900	6,100	104.0	634,400
Lawrence	21,000	15,000	74.0	1,110,000	21,200	17,500	122.0	2,135,000
WEST CENTRAL, TOTAL	**109,400**	**71,500**	**59.7**	**4,267,500**	**109,700**	**88,300**	**111.5**	**9,842,500**
Blair	28,000	10,600	51.0	540,600	22,000	12,500	94.0	1,175,000
Cambria	10,000	4,400	64.0	281,600	9,000	6,400	98.0	627,200
Centre	34,900	23,000	50.0	1,150,000	33,500	25,600	100.0	2,560,000
Clearfield	5,700	3,900	54.0	210,600	6,600	5,000	100.0	500,000
Columbia	25,300	19,000	69.0	1,311,000	21,800	20,000	101.0	2,020,000
Dauphin	30,000	19,400	51.0	989,400	30,100	21,500	57.0	1,225,500
Huntingdon	26,000	10,500	41.0	430,500	24,500	15,000	106.0	1,590,000
Juniata	16,000	12,500	51.0	637,500	19,400	14,700	76.0	1,117,200
Mifflin	23,000	10,500	63.0	661,500	20,400	12,100	110.0	1,331,000
Montour	8,400	7,000	70.0	490,000	10,100	8,800	112.0	985,600
Northumberland	34,000	32,400	56.0	1,814,400	39,400	36,500	85.0	3,102,500
Perry	21,000	13,000	41.0	533,000	22,900	15,500	59.0	914,500
Snyder	27,500	15,000	49.0	735,000	23,600	18,000	84.0	1,512,000
Union	21,000	17,000	55.0	935,000	20,800	16,000	98.0	1,568,000
CENTRAL, TOTAL	**310,800**	**198,200**	**54.1**	**10,720,100**	**304,100**	**227,600**	**88.9**	**20,228,500**
Carbon	2,500	1,900	66.0	125,400	2,900	2,600	92.0	239,200
Lehigh	31,000	26,500	58.0	1,537,000	30,700	29,500	116.0	3,422,000
Luzerne	9,000	6,600	81.0	534,600	10,000	7,800	92.0	717,600
Monroe	5,000	4,300	59.0	253,700	5,500	5,100	112.0	571,200
Northampton	35,600	27,900	77.0	2,148,300	34,400	31,500	121.0	3,811,500
Pike	600	400	64.0	25,600	500	400	92.0	36,800
Schuylkill	19,400	15,000	55.0	825,000	23,500	21,000	74.0	1,554,000
EAST CENTRAL, TOTAL	**103,100**	**82,600**	**66.0**	**5,449,600**	**107,500**	**97,900**	**105.7**	**10,352,300**
Allegheny	2,000	1,400	72.0	100,800	2,500	1,900	91.0	172,900
Fayette	15,500	10,000	59.0	590,000	11,500	9,100	84.0	764,400
Greene	2,900	1,200	42.0	50,400	2,400	1,600	91.0	145,600
Somerset	31,100	13,500	51.0	688,500	33,300	19,000	89.0	1,691,000
Washington	17,500	11,200	56.0	627,200	16,200	12,400	87.0	1,078,800
Westmoreland	22,200	15,000	60.0	900,000	22,300	17,100	103.0	1,761,300
SOUTHWESTERN, TOTAL	**91,200**	**52,300**	**56.5**	**2,956,900**	**88,200**	**61,100**	**91.9**	**5,614,000**
Adams	35,100	20,000	51.0	1,020,000	37,000	28,000	59.0	1,652,000
Bedford	33,600	14,000	54.0	756,000	34,400	18,000	79.0	1,422,000
Cumberland	55,100	25,900	47.0	1,217,300	52,800	29,500	60.0	1,770,000
Franklin	71,500	33,900	52.0	1,762,800	84,900	44,400	68.0	3,019,200
Fulton	12,200	6,000	43.0	258,000	13,700	9,000	73.0	657,000
York	73,300	58,500	59.0	3,451,500	89,900	76,100	72.0	5,479,200
SOUTH CENTRAL, TOTAL	**280,800**	**158,300**	**53.5**	**8,465,600**	**312,700**	**205,000**	**68.3**	**13,999,400**
Berks	75,000	54,300	70.0	3,801,000	79,300	61,100	95.0	5,804,500
Bucks	19,800	13,000	75.0	975,000	17,900	15,000	100.0	1,500,000
Chester	48,500	34,600	79.0	2,733,400	52,600	40,000	110.0	4,400,000
Delaware	1,200	1,000	82.0	82,000	1,700	1,300	126.0	163,800
Lancaster	168,400	87,200	90.0	7,848,000	176,500	108,000	105.0	11,340,000
Lebanon	39,700	24,800	73.0	1,810,400	45,800	29,500	78.0	2,301,000
Montgomery	10,900	9,000	65.0	585,000	15,100	11,600	86.0	997,600
Philadelphia	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**363,500**	**223,900**	**79.7**	**17,834,800**	**388,900**	**266,500**	**99.5**	**26,506,900**
PENNSYLVANIA	**1,480,000**	**910,000**	**65.0**	**59,150,000**	**1,550,000**	**1,090,000**	**93.0**	**101,370,000**

PENNSYLVANIA: CORN FOR GRAIN - ACREAGE, YIELD AND PRODUCTION, 1986-1985

County & District	1986				1985			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Bushels	Bushels	Acres	Acres	Bushels	Bushels
Crawford	31,300	23,500	97.0	2,279,500	31,800	24,600	103.0	2,533,800
Erie	21,000	15,500	98.0	1,519,000	23,600	17,400	115.0	2,001,000
Forest	500	300	104.0	31,200	600	400	115.0	46,000
Mercer	32,300	26,500	112.0	2,968,000	33,700	28,400	117.0	3,322,800
Venango	6,000	4,700	95.0	446,500	5,200	4,200	98.0	411,600
Warren	5,600	1,200	102.0	122,400	6,000	1,400	97.0	135,800
NORTHWESTERN, TOTAL	**96,700**	**71,700**	**102.7**	**7,366,600**	**100,900**	**76,400**	**110.6**	**8,451,000**
Bradford	37,200	16,000	108.0	1,728,000	39,200	18,000	112.0	2,016,000
Cameron	200	100	103.0	10,300	200	100	90.0	9,000
Clinton	13,200	11,500	106.0	1,219,000	14,000	12,500	91.0	1,137,500
Elk	1,100	600	98.0	58,800	1,200	600	99.0	59,400
Lycoming	34,800	30,000	105.0	3,150,000	39,900	35,600	112.0	3,987,200
McKean	1,600	400	101.0	40,400	1,700	400	89.0	35,600
Potter	8,000	1,800	105.0	189,000	8,500	2,000	98.0	196,000
Sullivan	4,600	1,600	96.0	153,600	4,900	1,900	100.0	190,000
Tioga	20,500	10,500	110.0	1,155,000	21,400	11,100	105.0	1,165,500
NORTH CENTRAL, TOTAL	**121,200**	**72,500**	**106.3**	**7,704,100**	**131,000**	**82,200**	**107.0**	**8,796,200**
Lackawanna	2,900	900	117.0	105,300	3,500	1,100	104.0	114,400
Susquehanna	12,600	2,900	108.0	313,200	13,100	2,800	95.0	266,000
Wayne	6,300	1,900	104.0	197,600	6,400	1,800	101.0	181,800
Wyoming	8,900	3,800	104.0	395,200	9,300	3,700	101.0	373,700
NORTHEASTERN, TOTAL	**30,700**	**9,500**	**106.5**	**1,011,300**	**32,300**	**9,400**	**99.6**	**935,900**
Armstrong	15,200	12,600	116.0	1,461,600	15,200	12,300	105.0	1,291,500
Beaver	6,400	5,500	116.0	638,000	6,000	4,900	111.0	543,900
Butler	22,100	17,200	119.0	2,046,800	22,600	17,700	107.0	1,893,900
Clarion	11,000	8,900	115.0	1,023,500	11,100	9,300	122.0	1,134,600
Indiana	28,600	23,600	111.0	2,619,600	31,400	25,500	105.0	2,677,500
Jefferson	10,900	7,900	107.0	845,300	11,100	8,300	103.0	854,900
Lawrence	24,300	20,000	117.0	2,340,000	26,600	22,600	102.0	2,305,200
WEST CENTRAL, TOTAL	**118,500**	**95,700**	**114.7**	**10,974,800**	**124,000**	**100,600**	**106.4**	**10,701,500**
Blair	23,600	14,400	98.0	1,411,200	26,200	16,300	107.0	1,744,100
Cambria	11,600	8,100	104.0	842,400	13,300	9,500	90.0	855,000
Centre	35,400	28,500	113.0	3,220,500	37,900	30,900	106.0	3,275,400
Clearfield	7,300	5,500	117.0	643,500	7,400	5,900	115.0	678,500
Columbia	27,900	25,000	101.0	2,525,000	32,000	29,900	94.0	2,810,600
Dauphin	32,600	28,000	97.0	2,716,000	37,100	33,200	99.0	3,286,800
Huntingdon	27,800	19,200	116.0	2,227,200	27,800	18,700	120.0	2,244,000
Juniata	16,800	12,600	110.0	1,386,000	17,000	12,900	113.0	1,457,700
Mifflin	21,900	14,100	109.0	1,536,900	24,000	16,000	115.0	1,840,000
Montour	10,100	8,500	111.0	943,500	11,100	9,900	101.0	999,900
Northumberland	41,000	37,000	112.0	4,144,000	41,800	38,800	109.0	4,229,200
Perry	24,600	20,400	101.0	2,060,400	27,500	23,700	100.0	2,370,000
Snyder	25,100	22,000	99.0	2,178,000	29,500	26,400	98.0	2,587,200
Union	21,100	18,100	112.0	2,027,200	21,200	17,700	116.0	2,053,200
CENTRAL, TOTAL	**326,800**	**261,400**	**106.6**	**27,861,800**	**353,800**	**289,800**	**105.0**	**30,431,600**
Carbon	2,400	2,100	99.0	207,900	2,900	2,500	91.0	227,500
Lehigh	35,100	34,000	101.0	3,434,000	38,100	37,200	107.0	3,980,400
Luzerne	11,000	8,400	102.0	856,800	11,100	8,500	97.0	824,500
Monroe	5,700	5,200	100.0	520,000	5,900	5,400	95.0	513,000
Northampton	40,500	37,000	116.0	4,292,000	45,500	41,900	125.0	5,237,500
Pike	700	600	99.0	59,400	900	800	100.0	80,000
Schuylkill	26,400	23,800	102.0	2,427,600	27,500	24,700	95.0	2,346,500
EAST CENTRAL, TOTAL	**121,800**	**111,100**	**106.2**	**11,797,700**	**131,900**	**121,000**	**109.2**	**13,209,400**
Allegheny	2,400	1,900	107.0	203,300	2,600	2,000	110.0	220,000
Fayette	14,500	12,500	118.0	1,475,000	17,200	15,400	125.0	1,925,000
Greene	3,100	2,000	117.0	234,000	3,600	2,400	124.0	297,600
Somerset	33,200	19,800	108.0	2,138,400	35,100	20,100	108.0	2,170,800
Washington	16,600	13,300	114.0	1,516,200	17,300	13,700	109.0	1,493,300
Westmoreland	22,300	18,500	114.0	2,109,000	23,800	19,700	108.0	2,127,600
SOUTHWESTERN, TOTAL	**92,100**	**68,000**	**112.9**	**7,675,900**	**99,600**	**73,300**	**112.3**	**8,234,300**
Adams	44,400	37,000	72.0	2,664,000	52,900	46,100	97.0	4,471,700
Bedford	35,300	20,700	80.0	1,656,000	36,300	22,100	96.0	2,121,600
Cumberland	54,000	41,000	97.0	3,977,000	65,300	52,500	100.0	5,250,000
Franklin	87,600	51,000	84.0	4,284,000	84,400	55,600	99.0	5,504,400
Fulton	14,500	10,800	75.0	810,000	14,900	12,600	92.0	1,159,200
York	102,600	86,000	77.0	6,622,000	106,500	95,300	110.0	10,483,000
SOUTH CENTRAL, TOTAL	**338,400**	**246,500**	**81.2**	**20,013,000**	**360,300**	**284,200**	**102.0**	**28,989,900**
Berks	89,500	71,600	102.0	7,303,200	92,100	77,300	114.0	8,812,200
Bucks	22,500	18,900	103.0	1,946,700	25,900	23,100	110.0	2,541,000
Chester	59,900	46,400	102.0	4,732,800	66,400	56,500	121.0	6,836,500
Delaware	1,400	1,200	108.0	129,600	1,400	1,300	130.0	169,000
Lancaster	189,000	121,000	119.0	14,399,000	199,000	138,000	129.0	17,802,000
Lebanon	46,100	32,000	113.0	3,616,000	45,900	33,800	132.0	4,461,600
Montgomery	15,400	12,500	95.0	1,187,500	15,500	13,100	109.0	1,427,900
Philadelphia	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**423,800**	**303,600**	**109.7**	**33,314,800**	**446,200**	**343,100**	**122.6**	**42,050,200**
PENNSYLVANIA	**1,670,000**	**1,240,000**	**103.0**	**127,720,000**	**1,780,000**	**1,380,000**	**110.0**	**151,800,000**

PENNSYLVANIA: CORN FOR SILAGE - ACREAGE, YIELD, PRODUCTION AND VALUE, 1989

County & District	Harvested	Yield	Production	Value of Production
	Acres	Tons	Tons	Dollars
Crawford	8,900	11.5	102,400	2,355,200
Erie	5,300	13.9	73,700	1,695,100
Forest	200	12.5	2,500	57,500
Mercer	4,700	11.2	52,600	1,209,800
Venango	1,000	11.9	11,900	273,700
Warren	3,700	11.5	42,600	979,800
NORTHWESTERN, TOTAL	**23,800**	**12.0**	**285,700**	**6,571,100**
Bradford	26,100	10.5	274,100	6,304,300
Cameron	100	10.0	1,000	23,000
Clinton	3,000	10.2	30,600	703,800
Elk	300	12.7	3,800	87,400
Lycoming	6,100	12.4	75,600	1,738,800
McKean	1,000	11.0	11,000	253,000
Potter	4,100	10.9	44,700	1,028,100
Sullivan	2,300	13.8	31,700	729,100
Tioga	6,800	10.0	68,000	1,564,000
NORTH CENTRAL, TOTAL	**49,800**	**10.9**	**540,500**	**12,431,500**
Lackawanna	1,300	12.2	15,900	365,700
Susquehanna	8,500	12.7	108,000	2,484,000
Wayne	3,200	13.8	44,200	1,016,600
Wyoming	2,700	16.0	43,200	993,600
NORTHEASTERN, TOTAL	**15,700**	**13.5**	**211,300**	**4,859,900**
Armstrong	3,000	14.5	43,500	1,000,500
Beaver	1,700	11.1	18,900	434,700
Butler	5,500	11.5	63,300	1,455,900
Clarion	3,200	11.0	35,200	809,600
Indiana	7,500	16.9	126,800	2,916,400
Jefferson	3,400	11.0	37,400	860,200
Lawrence	4,900	13.0	63,700	1,465,100
WEST CENTRAL, TOTAL	**29,200**	**13.3**	**388,800**	**8,942,400**
Blair	12,100	14.5	175,500	4,036,500
Cambria	3,200	12.6	40,300	926,900
Centre	7,000	14.9	104,300	2,398,900
Clearfield	1,100	12.6	13,900	319,700
Columbia	3,000	13.4	40,200	924,600
Dauphin	5,400	14.9	80,500	1,851,500
Huntingdon	9,500	15.2	144,400	3,321,200
Juniata	4,900	12.8	62,700	1,442,100
Mifflin	8,000	17.1	136,800	3,146,400
Montour	1,800	14.9	26,800	616,400
Northumberland	2,800	14.9	41,700	959,100
Perry	5,000	12.5	62,500	1,437,500
Snyder	4,100	12.8	52,500	1,207,500
Union	3,800	16.0	60,800	1,398,400
CENTRAL, TOTAL	**71,700**	**14.5**	**1,042,900**	**23,986,700**
Carbon	200	14.0	2,800	64,400
Lehigh	1,200	16.6	19,900	457,700
Luzerne	1,800	12.0	21,600	496,800
Monroe	300	13.4	4,000	92,000
Northampton	3,100	11.8	36,600	841,800
Pike	100	15.0	1,500	34,500
Schuylkill	2,600	17.0	44,200	1,016,600
EAST CENTRAL, TOTAL	**9,300**	**14.0**	**130,600**	**3,003,800**
Allegheny	600	13.4	8,000	184,000
Fayette	2,000	15.6	31,200	717,600
Greene	1,000	15.8	15,800	363,400
Somerset	12,600	12.8	161,300	3,709,900
Washington	3,500	11.0	38,500	885,500
Westmoreland	3,300	13.5	44,600	1,025,800
SOUTHWESTERN, TOTAL	**23,000**	**13.0**	**299,400**	**6,886,200**
Adams	8,100	13.4	108,500	2,495,500
Bedford	14,500	12.9	187,100	4,303,300
Cumberland	16,000	17.5	280,200	6,444,600
Franklin	23,700	15.9	376,800	8,666,400
Fulton	3,800	13.9	52,800	1,214,400
York	8,500	16.9	143,600	3,302,800
SOUTH CENTRAL, TOTAL	**74,600**	**15.4**	**1,149,000**	**26,427,000**
Berks	14,800	17.7	262,000	6,026,000
Bucks	2,000	13.5	27,000	621,000
Chester	11,000	18.7	205,300	4,721,900
Delaware	200	16.0	3,200	73,600
Lancaster	60,500	19.9	1,206,400	27,747,200
Lebanon	12,700	17.6	223,600	5,142,800
Montgomery	1,700	14.3	24,300	558,900
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**102,900**	**19.0**	**1,951,800**	**44,891,400**
PENNSYLVANIA	400,000	15.0	6,000,000	138,000,000

PENNSYLVANIA: CORN FOR SILAGE - ACREAGE, YIELD AND PRODUCTION, 1988-1987

County & District	1988			1987		
	Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	9,800	13.3	130,300	9,900	13.4	132,700
Erie	5,600	13.4	75,000	7,400	13.9	102,900
Forest	200	14.5	2,900	200	15.0	3,000
Mercer	5,500	12.2	67,100	5,800	15.3	88,700
Venango	800	9.5	7,600	1,600	14.2	22,700
Warren	3,600	15.2	54,700	4,300	13.6	58,500
NORTHWESTERN, TOTAL	**25,500**	**13.2**	**337,600**	**29,200**	**14.0**	**408,500**
Bradford	30,000	9.4	281,900	17,100	17.0	290,700
Cameron	100	13.0	1,300	100	13.0	1,300
Clinton	3,200	10.3	33,000	2,600	15.0	39,000
Elk	400	7.0	2,800	600	12.0	7,200
Lycoming	4,700	10.5	49,400	4,600	15.0	69,000
McKean	1,100	12.5	13,800	1,700	13.6	23,100
Potter	5,400	9.8	52,900	4,100	14.9	61,100
Sullivan	1,900	15.4	29,300	2,000	15.3	30,600
Tioga	10,300	9.6	98,900	12,500	13.8	172,500
NORTH CENTRAL, TOTAL	**57,100**	**9.9**	**563,300**	**45,300**	**15.3**	**694,500**
Lackawanna	1,500	12.7	19,100	1,500	15.9	23,900
Susquehanna	9,400	8.2	77,100	9,000	14.4	129,600
Wayne	3,400	11.4	38,800	4,900	15.6	76,400
Wyoming	4,500	10.4	46,800	4,100	15.9	65,200
NORTHEASTERN, TOTAL	**18,800**	**9.7**	**181,800**	**19,500**	**15.1**	**295,100**
Armstrong	3,200	6.4	20,500	2,600	15.9	41,300
Beaver	1,800	4.6	8,300	1,400	14.5	20,300
Butler	5,700	6.9	39,300	3,600	14.9	53,600
Clarion	3,400	8.6	29,200	2,600	15.6	40,600
Indiana	11,500	6.3	72,500	4,600	14.6	67,200
Jefferson	4,400	4.6	20,200	2,800	16.9	47,300
Lawrence	5,900	11.2	66,100	3,500	16.5	57,800
WEST CENTRAL, TOTAL	**35,900**	**7.1**	**256,100**	**21,100**	**15.5**	**328,100**
Blair	17,000	9.1	154,700	9,500	16.4	155,800
Cambria	5,500	6.2	34,100	2,500	13.3	33,300
Centre	11,400	7.3	83,200	7,900	14.9	117,700
Clearfield	2,000	7.5	15,000	1,600	12.0	19,200
Columbia	4,600	10.0	46,000	1,800	16.0	28,800
Dauphin	9,800	8.7	85,300	8,300	10.9	90,500
Huntingdon	14,000	7.2	100,800	9,300	13.7	127,400
Juniata	5,200	7.3	38,000	4,700	11.9	55,900
Mifflin	12,300	8.4	103,300	8,000	15.0	120,000
Montour	1,900	10.5	20,000	1,300	16.0	20,800
Northumberland	6,900	9.5	65,600	2,900	14.4	41,800
Perry	7,300	6.9	50,400	7,200	9.0	64,800
Snyder	9,800	6.9	67,600	5,600	12.4	69,400
Union	4,600	8.9	40,900	4,800	14.0	67,200
CENTRAL, TOTAL	**112,300**	**8.1**	**904,900**	**75,400**	**13.4**	**1,012,600**
Carbon	400	11.3	4,500	300	14.3	4,300
Lehigh	1,500	12.6	18,900	1,200	16.0	19,200
Luzerne	2,300	9.3	21,400	2,100	15.8	33,200
Monroe	500	10.0	5,000	400	12.0	4,800
Northampton	7,400	12.1	89,500	2,800	15.9	44,500
Pike	200	13.0	2,600	100	14.0	1,400
Schuylkill	4,300	10.5	45,200	2,400	12.9	31,000
EAST CENTRAL, TOTAL	**16,600**	**11.3**	**187,100**	**9,300**	**14.9**	**138,400**
Allegheny	900	6.7	6,000	500	12.0	6,000
Fayette	3,500	5.9	20,700	2,200	13.2	29,000
Greene	1,200	5.0	6,000	800	13.0	10,400
Somerset	17,700	5.9	104,400	13,500	12.8	172,800
Washington	5,600	8.1	45,400	3,700	12.2	45,100
Westmoreland	6,900	9.0	62,100	4,900	13.9	68,100
SOUTHWESTERN, TOTAL	**35,800**	**6.8**	**244,600**	**25,600**	**12.9**	**331,400**
Adams	10,400	8.8	91,500	8,700	9.1	79,200
Bedford	21,200	7.9	167,500	16,200	13.6	220,300
Cumberland	24,200	7.3	176,700	22,000	9.2	202,400
Franklin	39,700	7.4	293,700	40,000	11.5	460,000
Fulton	5,400	6.5	35,100	4,400	10.1	44,400
York	11,800	10.1	119,200	13,000	13.8	179,400
SOUTH CENTRAL, TOTAL	**112,700**	**7.8**	**883,700**	**104,300**	**11.4**	**1,185,700**
Berks	19,800	10.7	211,800	18,100	15.5	280,600
Bucks	4,800	10.8	51,800	2,900	15.3	44,400
Chester	13,600	14.5	197,200	12,500	19.6	245,000
Delaware	200	10.5	2,100	400	17.0	6,800
Lancaster	78,100	15.9	1,241,600	66,900	19.0	1,271,100
Lebanon	15,000	13.2	198,000	16,100	14.5	233,500
Montgomery	3,800	10.1	38,400	3,400	14.5	49,300
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**135,300**	**14.3**	**1,940,900**	**120,300**	**17.7**	**2,130,700**
PENNSYLVANIA	**550,000**	**10.0**	**5,500,000**	**450,000**	**14.5**	**6,525,000**

PENNSYLVANIA: CORN FOR SILAGE - ACREAGE, YIELD AND PRODUCTION, 1986-1985

County & District	1986			1985		
	Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	6,800	12.3	83,600	7,000	14.3	100,100
Erie	5,200	12.0	62,400	6,200	14.6	90,500
Forest	200	14.5	2,900	100	15.5	1,600
Mercer	5,600	14.4	80,600	5,200	13.4	69,700
Venango	1,300	14.4	18,700	900	13.5	12,200
Warren	4,100	11.9	48,800	4,600	14.7	67,600
NORTHWESTERN, TOTAL	**23,200**	**12.8**	**297,000**	**24,000**	**14.2**	**341,700**
Bradford	20,800	14.0	291,200	21,100	15.7	331,300
Cameron	100	15.0	1,500	100	14.3	1,400
Clinton	1,700	18.3	31,100	1,500	19.1	28,700
Elk	500	9.2	4,600	600	11.8	7,100
Lycoming	4,800	16.4	78,700	4,000	13.5	54,000
McKean	1,200	15.9	19,100	1,300	13.8	17,900
Potter	6,000	13.0	78,000	6,500	12.9	83,900
Sullivan	3,000	13.4	40,200	3,000	11.4	34,200
Tioga	9,800	12.9	126,400	10,200	14.9	152,000
NORTH CENTRAL, TOTAL	**47,900**	**14.0**	**670,800**	**48,300**	**14.7**	**710,500**
Lackawanna	2,000	13.5	27,000	2,400	14.1	33,800
Susquehanna	9,700	16.0	155,200	10,200	14.0	142,800
Wayne	4,400	14.7	64,700	4,600	16.6	76,400
Wyoming	5,100	15.0	76,500	5,600	15.2	85,100
NORTHEASTERN, TOTAL	**21,200**	**15.3**	**323,400**	**22,800**	**14.8**	**338,100**
Armstrong	2,500	17.9	44,800	2,900	15.3	44,400
Beaver	900	12.2	11,000	1,100	13.5	14,900
Butler	4,800	14.7	70,600	4,600	15.0	69,000
Clarion	2,100	14.2	29,800	1,500	13.7	20,600
Indiana	4,800	14.9	71,500	5,800	13.9	80,600
Jefferson	2,400	12.5	30,000	2,700	11.8	31,900
Lawrence	4,000	12.7	50,800	4,000	12.0	48,000
WEST CENTRAL, TOTAL	**21,500**	**14.3**	**308,500**	**22,600**	**13.7**	**309,400**
Blair	9,200	14.7	135,200	9,800	17.6	172,500
Cambria	3,500	13.3	46,600	3,800	12.0	45,600
Centre	6,600	12.5	82,500	7,000	14.3	100,100
Clearfield	1,800	12.0	21,600	1,400	13.0	18,200
Columbia	2,700	14.8	40,000	2,100	14.1	29,600
Dauphin	4,600	13.2	60,700	3,900	16.4	64,000
Huntingdon	8,600	15.0	129,000	9,000	15.3	137,700
Juniata	4,200	17.0	71,400	4,100	15.6	64,000
Mifflin	7,800	16.4	127,900	8,000	17.4	139,200
Montour	1,600	16.4	26,200	1,200	15.5	18,600
Northumberland	4,000	17.2	68,800	2,900	18.8	54,500
Perry	4,100	15.4	63,100	3,800	17.6	66,900
Snyder	3,000	13.5	40,500	3,100	15.9	49,300
Union	3,000	16.0	48,000	3,500	16.5	57,700
CENTRAL, TOTAL	**64,700**	**14.9**	**961,500**	**63,600**	**16.0**	**1,017,900**
Carbon	300	14.0	4,200	400	13.0	5,200
Lehigh	900	12.9	11,600	900	12.0	10,800
Luzerne	2,600	16.2	42,100	2,500	16.1	40,300
Monroe	500	12.6	6,300	500	13.0	6,500
Northampton	3,200	15.1	48,300	3,500	14.0	49,000
Pike	100	15.0	1,500	100	14.5	1,500
Schuylkill	2,500	17.6	44,000	2,800	16.6	46,500
EAST CENTRAL, TOTAL	**10,100**	**15.6**	**158,000**	**10,700**	**14.9**	**159,800**
Allegheny	400	14.5	5,800	600	15.4	9,200
Fayette	2,000	14.5	29,000	1,800	14.5	26,100
Greene	1,100	15.2	16,700	1,100	16.8	18,500
Somerset	13,400	15.8	211,700	15,000	14.6	219,000
Washington	3,300	14.4	47,500	3,500	14.2	49,700
Westmoreland	3,800	14.1	53,500	4,000	15.3	61,200
SOUTHWESTERN, TOTAL	**24,000**	**15.2**	**364,300**	**26,000**	**14.8**	**383,700**
Adams	7,000	11.1	77,700	6,800	14.9	101,300
Bedford	14,400	13.2	190,100	13,700	14.0	191,800
Cumberland	13,000	14.1	183,300	12,700	16.3	207,000
Franklin	35,800	12.0	429,600	28,500	16.6	473,100
Fulton	3,500	10.3	36,100	2,300	13.9	32,000
York	15,500	12.6	195,300	10,800	17.2	185,800
SOUTH CENTRAL, TOTAL	**89,200**	**12.5**	**1,112,100**	**74,800**	**15.9**	**1,191,000**
Berks	17,900	14.9	266,700	14,800	17.5	259,000
Bucks	3,600	15.7	56,500	2,800	17.1	47,900
Chester	13,100	17.9	234,500	9,800	20.6	201,900
Delaware	200	15.5	3,100	100	16.6	1,700
Lancaster	66,600	18.8	1,252,100	60,300	21.3	1,284,400
Lebanon	14,000	18.2	254,800	12,000	19.4	232,800
Montgomery	2,800	13.1	36,700	2,400	15.9	38,200
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**118,200**	**17.8**	**2,104,400**	**102,200**	**20.2**	**2,065,900**
PENNSYLVANIA	**420,000**	**15.0**	**6,300,000**	**395,000**	**16.5**	**6,518,000**

PENNSYLVANIA: ALFALFA AND OTHER HAY - ACREAGE, YIELD AND PRODUCTION, 1989

County & District	Alfalfa Hay			Other Hay		
	Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	15,800	3.20	50,600	49,200	2.10	103,300
Erie	7,400	2.59	19,200	35,700	2.30	82,100
Forest	700	2.43	1,700	600	1.83	1,100
Mercer	15,600	2.60	40,600	23,700	2.10	49,800
Venango	4,900	2.69	13,200	9,400	2.00	18,800
Warren	5,000	3.20	16,000	13,900	2.40	33,400
NORTHWESTERN, TOTAL	**49,400**	**2.86**	**141,300**	**132,500**	**2.18**	**288,500**
Bradford	40,000	2.70	108,000	80,000	2.10	168,000
Cameron	100	3.00	300	600	2.17	1,300
Clinton	6,000	2.30	13,800	5,200	2.31	12,000
Elk	1,700	2.41	4,100	3,200	1.69	5,400
Lycoming	15,400	2.60	40,000	18,400	2.00	36,800
McKean	2,400	2.21	5,300	7,200	1.69	12,200
Potter	7,800	2.29	17,900	14,400	2.20	31,700
Sullivan	2,600	3.00	7,800	8,800	1.90	16,700
Tioga	22,700	2.60	59,000	53,300	2.20	117,300
NORTH CENTRAL, TOTAL	**98,700**	**2.60**	**256,200**	**191,100**	**2.10**	**401,400**
Lackawanna	3,100	2.29	7,100	11,100	2.20	24,400
Susquehanna	14,500	2.80	40,600	42,500	2.00	85,000
Wayne	3,400	2.09	7,100	37,100	2.00	74,200
Wyoming	7,000	2.50	17,500	12,100	1.80	21,800
NORTHEASTERN, TOTAL	**28,000**	**2.58**	**72,300**	**102,800**	**2.00**	**205,400**
Armstrong	16,000	2.30	36,800	18,700	1.80	33,700
Beaver	9,600	2.40	23,000	7,900	2.41	19,000
Butler	19,800	2.80	55,400	19,000	2.20	41,800
Clarion	9,700	2.00	19,400	17,200	2.10	36,100
Indiana	19,600	2.40	47,000	20,300	2.40	48,700
Jefferson	10,300	1.60	16,500	17,200	1.80	31,000
Lawrence	11,200	2.80	31,400	10,300	2.10	21,600
WEST CENTRAL, TOTAL	**96,200**	**2.39**	**229,500**	**110,600**	**2.10**	**231,900**
Blair	16,700	2.70	45,100	11,200	2.50	28,000
Cambria	6,800	2.71	18,400	10,800	2.30	24,800
Centre	23,200	3.00	69,600	11,200	1.90	21,300
Clearfield	8,700	2.20	19,100	8,900	1.70	15,100
Columbia	8,700	3.10	27,000	10,700	2.20	23,500
Dauphin	9,800	3.00	29,400	10,800	2.20	23,800
Huntingdon	17,700	3.00	53,100	13,700	1.90	26,000
Juniata	14,100	2.70	38,100	9,600	2.00	19,200
Mifflin	13,200	3.30	43,600	11,000	2.20	24,200
Montour	3,400	3.29	11,200	5,000	1.90	9,500
Northumberland	6,600	3.39	22,400	8,600	2.30	19,800
Perry	13,200	2.60	34,300	14,900	2.20	32,800
Snyder	9,800	3.10	30,400	9,500	2.40	22,800
Union	9,000	2.50	22,500	4,700	1.89	8,900
CENTRAL, TOTAL	**160,900**	**2.89**	**464,200**	**140,600**	**2.13**	**299,700**
Carbon	1,100	2.27	2,500	3,400	2.00	6,800
Lehigh	7,600	2.70	20,500	6,000	2.30	13,800
Luzerne	5,100	2.51	12,800	7,200	1.81	13,000
Monroe	1,500	2.00	3,000	3,700	2.30	8,500
Northampton	10,000	2.90	29,000	4,900	2.10	10,300
Pike	200	2.50	500	800	2.13	1,700
Schuylkill	6,100	2.90	17,700	11,000	2.40	26,400
EAST CENTRAL, TOTAL	**31,600**	**2.72**	**86,000**	**37,000**	**2.18**	**80,500**
Allegheny	4,000	2.70	10,800	3,700	1.89	7,000
Fayette	13,800	2.40	33,100	14,500	1.70	24,700
Greene	6,100	3.00	18,300	27,200	1.70	46,200
Somerset	20,900	2.80	58,500	35,100	1.90	66,700
Washington	30,700	2.20	67,500	28,300	1.80	50,900
Westmoreland	22,500	2.90	65,300	27,200	1.90	51,700
SOUTHWESTERN, TOTAL	**98,000**	**2.59**	**253,500**	**136,000**	**1.82**	**247,200**
Adams	7,400	3.20	23,700	31,300	2.20	68,900
Bedford	30,000	2.80	84,000	26,000	1.80	46,800
Cumberland	19,900	3.60	71,600	18,600	2.40	44,600
Franklin	36,000	3.30	118,800	32,000	2.60	83,200
Fulton	8,500	2.80	23,800	14,800	2.10	31,100
York	16,400	3.30	54,100	22,000	2.10	46,200
SOUTH CENTRAL, TOTAL	**118,200**	**3.18**	**376,000**	**144,700**	**2.22**	**320,800**
Berks	34,000	3.30	112,200	29,000	1.90	55,100
Bucks	3,900	3.10	12,100	14,100	2.00	28,200
Chester	25,000	3.80	95,000	22,400	2.20	49,300
Delaware	700	3.00	2,100	600	2.00	1,200
Lancaster	55,000	3.90	214,500	27,000	2.70	73,000
Lebanon	16,000	3.20	51,200	11,400	2.40	27,400
Montgomery	4,400	2.70	11,900	10,200	2.10	21,400
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**139,000**	**3.59**	**499,000**	**114,700**	**2.23**	**255,600**
PENNSYLVANIA	**820,000**	**2.90**	**2,378,000**	**1,110,000**	**2.10**	**2,331,000**

PENNSYLVANIA: ALL HAY - ACREAGE, YIELD, PRODUCTION AND VALUE, 1989

County & District	Harvested	Yield	Production	Value of Production
	Acres	Tons	Tons	Dollars
Crawford	65,000	2.37	153,900	14,543,550
Erie	43,100	2.35	101,300	9,572,850
Forest	1,300	2.15	2,800	264,600
Mercer	39,300	2.30	90,400	8,542,800
Venango	14,300	2.24	32,000	3,024,000
Warren	18,900	2.61	49,400	4,668,300
NORTHWESTERN, TOTAL	**181,900**	**2.36**	**429,800**	**40,616,100**
Bradford	120,000	2.30	276,000	26,082,000
Cameron	700	2.29	1,600	151,200
Clinton	11,200	2.30	25,800	2,438,100
Elk	4,900	1.94	9,500	897,750
Lycoming	33,800	2.27	76,800	7,257,600
McKean	9,600	1.82	17,500	1,653,750
Potter	22,200	2.23	49,600	4,687,200
Sullivan	11,400	2.15	24,500	2,315,250
Tioga	76,000	2.32	176,300	16,660,350
NORTH CENTRAL, TOTAL	**289,800**	**2.27**	**657,600**	**62,143,200**
Lackawanna	14,200	2.22	31,500	2,976,750
Susquehanna	57,000	2.20	125,600	11,869,200
Wayne	40,500	2.01	81,300	7,682,850
Wyoming	19,100	2.06	39,300	3,713,850
NORTHEASTERN, TOTAL	**130,800**	**2.12**	**277,700**	**26,242,650**
Armstrong	34,700	2.03	70,500	6,662,250
Beaver	17,500	2.40	42,000	3,969,000
Butler	38,800	2.51	97,200	9,185,400
Clarion	26,900	2.06	55,500	5,244,750
Indiana	39,900	2.40	95,700	9,043,650
Jefferson	27,500	1.73	47,500	4,488,750
Lawrence	21,500	2.47	53,000	5,008,500
WEST CENTRAL, TOTAL	**206,800**	**2.23**	**461,400**	**43,602,300**
Blair	27,900	2.62	73,100	6,907,950
Cambria	17,600	2.45	43,200	4,082,400
Centre	34,400	2.64	90,900	8,590,050
Clearfield	17,600	1.94	34,200	3,231,900
Columbia	19,400	2.60	50,500	4,772,250
Dauphin	20,600	2.58	53,200	5,027,400
Huntingdon	31,400	2.52	79,100	7,474,950
Juniata	23,700	2.42	57,300	5,414,850
Mifflin	24,200	2.80	67,800	6,407,100
Montour	8,400	2.46	20,700	1,956,150
Northumberland	15,200	2.78	42,200	3,987,900
Perry	28,100	2.39	67,100	6,340,950
Snyder	19,300	2.76	53,200	5,027,400
Union	13,700	2.29	31,400	2,967,300
CENTRAL, TOTAL	**301,500**	**2.53**	**763,900**	**72,188,550**
Carbon	4,500	2.07	9,300	878,850
Lehigh	13,600	2.52	34,300	3,241,350
Luzerne	12,300	2.10	25,800	2,438,100
Monroe	5,200	2.21	11,500	1,086,750
Northampton	14,900	2.64	39,300	3,713,850
Pike	1,000	2.20	2,200	207,900
Schuylkill	17,100	2.58	44,100	4,167,450
EAST CENTRAL, TOTAL	**68,600**	**2.43**	**166,500**	**15,734,250**
Allegheny	7,700	2.31	17,800	1,682,100
Fayette	28,300	2.04	57,800	5,462,100
Greene	33,300	1.94	64,500	6,095,250
Somerset	56,000	2.24	125,200	11,831,400
Washington	59,000	2.01	118,400	11,188,800
Westmoreland	49,700	2.35	117,000	11,056,500
SOUTHWESTERN, TOTAL	**234,000**	**2.14**	**500,700**	**47,316,150**
Adams	38,700	2.39	92,600	8,750,700
Bedford	56,000	2.34	130,800	12,360,600
Cumberland	38,500	3.02	116,200	10,980,900
Franklin	68,000	2.97	202,000	19,089,000
Fulton	23,300	2.36	54,900	5,188,050
York	38,400	2.61	100,300	9,478,350
SOUTH CENTRAL, TOTAL	**262,900**	**2.65**	**696,800**	**65,847,600**
Berks	63,000	2.66	167,300	15,809,850
Bucks	18,000	2.24	40,300	3,808,350
Chester	47,400	3.04	144,300	13,636,350
Delaware	1,300	2.54	3,300	311,850
Lancaster	82,000	3.51	287,500	27,168,750
Lebanon	27,400	2.87	78,600	7,427,700
Montgomery	14,600	2.28	33,300	3,146,850
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**253,700**	**2.97**	**754,600**	**71,309,700**
PENNSYLVANIA	**1,930,000**	**2.44**	**4,709,000**	**445,000,500**

PENNSYLVANIA: HAY - ACREAGE, YIELD AND PRODUCTION, 1988

County & District	Alfalfa Hay			Other Hay			All Hay		
	Harvested	Yield	Production	Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	16,800	2.60	43,700	49,000	2.40	117,600	65,800	2.45	161,300
Erie	7,300	3.21	23,400	34,500	2.10	72,500	41,800	2.29	95,900
Forest	700	2.71	1,900	700	1.29	900	1,400	2.00	2,800
Mercer	16,600	2.50	41,500	24,400	2.00	48,800	41,000	2.20	90,300
Venango	5,300	2.00	10,600	9,700	1.60	15,500	15,000	1.74	26,100
Warren	5,300	2.70	14,300	14,700	2.60	38,200	20,000	2.63	52,500
NORTHWESTERN, TOTAL	**52,000**	**2.60**	**135,400**	**133,000**	**2.21**	**293,500**	**185,000**	**2.32**	**428,900**
Bradford	41,000	2.20	90,200	76,000	1.70	129,200	117,000	1.88	219,400
Cameron	100	2.00	200	600	2.00	1,200	700	2.00	1,400
Clinton	6,500	2.91	18,900	4,300	2.21	9,500	10,800	2.63	28,400
Elk	1,800	2.28	4,100	3,200	1.50	4,800	5,000	1.78	8,900
Lycoming	15,800	2.80	44,200	19,600	1.60	31,400	35,400	2.14	75,600
McKean	2,400	2.08	5,000	7,400	1.30	9,600	9,800	1.49	14,600
Potter	8,200	2.30	18,900	15,800	1.60	25,300	24,000	1.84	44,200
Sullivan	2,500	2.12	5,300	8,400	1.90	16,000	10,900	1.95	21,300
Tioga	24,000	2.40	57,600	56,000	1.90	106,400	80,000	2.05	164,000
NORTH CENTRAL, TOTAL	**102,300**	**2.39**	**244,400**	**191,300**	**1.74**	**333,400**	**293,600**	**1.97**	**577,800**
Lackawanna	3,300	2.61	8,600	11,700	1.90	22,200	15,000	2.05	30,800
Susquehanna	14,200	3.00	42,600	41,800	1.70	71,100	56,000	2.03	113,700
Wayne	3,600	2.89	10,400	38,900	1.70	66,100	42,500	1.80	76,500
Wyoming	7,200	2.60	18,700	10,800	2.20	23,800	18,000	2.36	42,500
NORTHEASTERN, TOTAL	**28,300**	**2.84**	**80,300**	**103,200**	**1.78**	**183,200**	**131,500**	**2.00**	**263,500**
Armstrong	15,900	2.10	33,400	17,200	1.30	22,400	33,100	1.69	55,800
Beaver	9,500	2.00	19,000	7,300	2.21	16,100	16,800	2.09	35,100
Butler	20,700	2.20	45,500	16,300	1.70	27,700	37,000	1.98	73,200
Clarion	10,500	2.50	26,300	17,500	1.70	29,800	28,000	2.00	56,100
Indiana	19,600	2.30	45,100	19,900	1.60	31,800	39,500	1.95	76,900
Jefferson	10,900	1.90	20,700	15,400	1.50	23,100	26,300	1.67	43,800
Lawrence	11,900	2.60	30,900	10,700	2.00	21,400	22,600	2.31	52,300
WEST CENTRAL, TOTAL	**99,000**	**2.23**	**220,900**	**104,300**	**1.65**	**172,300**	**203,300**	**1.93**	**393,200**
Blair	16,400	3.20	52,500	10,100	1.90	19,200	26,500	2.71	71,700
Cambria	7,500	2.71	20,300	11,500	1.80	20,700	19,000	2.16	41,000
Centre	23,000	2.90	66,700	12,700	1.90	24,100	35,700	2.54	90,800
Clearfield	9,000	2.20	19,800	9,500	1.31	12,400	18,500	1.74	32,200
Columbia	8,500	3.11	26,400	12,200	1.80	22,000	20,700	2.34	48,400
Dauphin	9,500	3.40	32,300	10,900	2.10	22,900	20,400	2.71	55,200
Huntingdon	18,400	2.90	53,400	15,100	1.40	21,100	33,500	2.22	74,500
Juniata	14,400	3.10	44,600	8,400	2.00	16,800	22,800	2.69	61,400
Mifflin	13,200	3.20	42,200	10,100	2.30	23,200	23,300	2.81	65,400
Montour	3,500	3.00	10,500	5,100	1.90	9,700	8,600	2.35	20,200
Northumberland	6,800	2.71	18,400	8,500	2.40	20,400	15,300	2.54	38,800
Perry	13,400	2.80	37,500	13,900	1.80	25,000	27,300	2.29	62,500
Snyder	10,200	2.90	29,600	10,300	2.10	21,600	20,500	2.50	51,200
Union	9,500	3.40	32,300	5,500	2.11	11,600	15,000	2.93	43,900
CENTRAL, TOTAL	**163,300**	**2.98**	**486,500**	**143,800**	**1.88**	**270,700**	**307,100**	**2.47**	**757,200**
Carbon	1,200	2.92	3,500	3,300	1.61	5,300	4,500	1.96	8,800
Lehigh	7,700	3.30	25,400	7,100	2.61	18,500	14,800	2.97	43,900
Luzerne	5,400	2.80	15,100	6,300	1.70	10,700	11,700	2.21	25,800
Monroe	1,500	2.60	3,900	3,800	1.79	6,800	5,300	2.02	10,700
Northampton	10,300	3.30	34,000	5,700	2.19	12,500	16,000	2.91	46,500
Pike	200	3.00	600	900	1.67	1,500	1,100	1.91	2,100
Schuylkill	6,300	3.30	20,800	10,800	1.90	20,500	17,100	2.42	41,300
EAST CENTRAL, TOTAL	**32,600**	**3.17**	**103,300**	**37,900**	**2.00**	**75,800**	**70,500**	**2.54**	**179,100**
Allegheny	4,200	3.00	12,600	4,000	1.60	6,400	8,200	2.32	19,000
Fayette	14,600	2.60	38,000	15,400	1.50	23,100	30,000	2.04	61,100
Greene	6,400	2.50	16,000	25,600	1.20	30,700	32,000	1.46	46,700
Somerset	21,800	2.10	45,800	37,200	1.60	59,500	59,000	1.78	105,300
Washington	32,500	2.40	78,000	29,100	2.00	58,200	61,600	2.21	136,200
Westmoreland	23,600	2.70	63,700	28,900	1.90	54,900	52,500	2.26	118,600
SOUTHWESTERN, TOTAL	**103,100**	**2.46**	**254,100**	**140,200**	**1.66**	**232,800**	**243,300**	**2.00**	**486,900**
Adams	8,100	2.40	19,400	28,900	1.80	52,000	37,000	1.93	71,400
Bedford	29,400	2.90	85,300	24,600	1.60	39,400	54,000	2.31	124,700
Cumberland	19,700	2.60	51,200	19,600	1.90	37,200	39,300	2.25	88,400
Franklin	36,200	2.80	101,400	35,800	2.00	71,600	72,000	2.40	173,000
Fulton	8,900	2.30	20,500	16,100	2.10	33,800	25,000	2.17	54,300
York	16,600	3.70	61,400	24,200	2.10	50,800	40,800	2.75	112,200
SOUTH CENTRAL, TOTAL	**118,900**	**2.85**	**339,200**	**149,200**	**1.91**	**284,800**	**268,100**	**2.33**	**624,000**
Berks	34,400	3.70	127,300	27,600	2.00	55,200	62,000	2.94	182,500
Bucks	4,100	3.51	14,400	13,300	2.60	34,600	17,400	2.82	49,000
Chester	24,500	4.30	105,400	23,800	2.20	52,400	48,300	3.27	157,800
Delaware	700	3.29	2,300	700	2.00	1,400	1,400	2.64	3,700
Lancaster	57,000	4.50	256,500	29,000	2.90	84,000	86,000	3.96	340,500
Lebanon	15,600	3.50	54,600	12,900	2.20	28,400	28,500	2.91	83,000
Montgomery	4,200	2.71	11,400	9,800	2.60	25,500	14,000	2.64	36,900
Philadelphia	-	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**140,500**	**4.07**	**571,900**	**117,100**	**2.40**	**281,500**	**257,600**	**3.31**	**853,400**
PENNSYLVANIA	**840,000**	**2.90**	**2,436,000**	**1,120,000**	**1.90**	**2,128,000**	**1,960,000**	**2.33**	**4,564,000**

PENNSYLVANIA: HAY - ACREAGE, YIELD AND PRODUCTION, 1987

County & District	Alfalfa Hay			Other Hay			All Hay		
	Harvested	Yield	Production	Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	17,300	3.00	51,900	46,700	2.30	107,400	64,000	2.49	159,300
Erie	7,100	3.20	22,700	32,300	2.30	74,300	39,400	2.46	97,000
Forest	800	2.75	2,200	700	1.71	1,200	1,500	2.27	3,400
Mercer	17,200	3.10	53,300	25,100	2.20	55,200	42,300	2.57	108,500
Venango	5,200	2.90	15,100	10,000	2.20	22,000	15,200	2.44	37,100
Warren	5,700	2.89	16,500	15,800	2.20	34,800	21,500	2.39	51,300
NORTHWESTERN, TOTAL	**53,300**	**3.03**	**161,700**	**130,600**	**2.26**	**294,900**	**183,900**	**2.48**	**456,600**
Bradford	43,000	3.00	129,000	76,000	2.10	159,600	119,000	2.43	288,600
Cameron	100	2.00	200	700	1.71	1,200	800	1.75	1,400
Clinton	6,900	3.30	22,800	4,700	2.19	10,300	11,600	2.85	33,100
Elk	1,700	3.00	5,100	3,500	2.11	7,400	5,200	2.40	12,500
Lycoming	15,700	3.00	47,100	16,300	2.00	32,600	32,000	2.49	79,700
McKean	2,700	2.52	6,800	7,300	2.10	15,300	10,000	2.21	22,100
Potter	8,000	2.80	22,400	16,000	1.90	30,400	24,000	2.20	52,800
Sullivan	2,300	3.09	7,100	8,200	2.10	17,200	10,500	2.31	24,300
Tioga	25,000	2.80	70,000	53,000	2.00	106,000	78,000	2.26	176,000
NORTH CENTRAL, TOTAL	**105,400**	**2.95**	**310,500**	**185,700**	**2.05**	**380,000**	**291,100**	**2.37**	**690,500**
Lackawanna	3,200	2.59	8,300	11,100	2.00	22,200	14,300	2.13	30,500
Susquehanna	15,000	2.70	40,500	42,000	2.40	100,800	57,000	2.48	141,300
Wayne	4,000	2.90	11,600	39,000	2.10	81,900	43,000	2.17	93,500
Wyoming	7,400	3.00	22,200	11,500	2.20	25,300	18,900	2.51	47,500
NORTHEASTERN, TOTAL	**29,600**	**2.79**	**82,600**	**103,600**	**2.22**	**230,200**	**133,200**	**2.35**	**312,800**
Armstrong	17,000	2.90	49,300	17,000	2.00	34,000	34,000	2.45	83,300
Beaver	9,800	3.30	32,300	5,900	2.31	13,600	15,700	2.92	45,900
Butler	20,500	3.00	61,500	16,800	2.30	38,600	37,300	2.68	100,100
Clarion	10,300	3.10	31,900	17,800	2.10	37,400	28,100	2.47	69,300
Indiana	19,000	3.00	57,000	22,800	2.30	52,400	41,800	2.62	109,400
Jefferson	11,400	2.70	30,800	14,400	1.80	25,900	25,800	2.20	56,700
Lawrence	11,500	3.50	40,300	10,400	2.30	23,900	21,900	2.93	64,200
WEST CENTRAL, TOTAL	**99,500**	**3.05**	**303,100**	**105,100**	**2.15**	**225,800**	**204,600**	**2.59**	**528,900**
Blair	16,800	3.50	58,800	11,800	2.00	23,600	28,600	2.88	82,400
Cambria	8,000	3.00	24,000	12,500	2.40	30,000	20,500	2.63	54,000
Centre	22,500	3.50	78,800	14,100	2.30	32,400	36,600	3.04	111,200
Clearfield	8,700	2.70	23,500	10,100	1.80	18,200	18,800	2.22	41,700
Columbia	8,900	3.00	26,700	12,300	2.00	24,600	21,200	2.42	51,300
Dauphin	9,600	3.10	29,800	11,700	2.00	23,400	21,300	2.50	53,200
Huntingdon	19,000	3.20	60,800	16,700	1.90	31,700	35,700	2.59	92,500
Juniata	14,000	3.20	44,800	8,400	2.40	20,200	22,400	2.90	65,000
Mifflin	13,000	3.60	46,800	9,000	2.10	18,900	22,000	2.99	65,700
Montour	3,000	3.00	9,000	4,500	2.00	9,000	7,500	2.40	18,000
Northumberland	6,600	3.20	21,100	8,700	2.10	18,300	15,300	2.58	39,400
Perry	13,400	2.80	37,500	12,500	2.00	25,000	25,900	2.41	62,500
Snyder	10,900	3.10	33,800	9,400	2.30	21,600	20,300	2.73	55,400
Union	10,500	3.40	35,700	6,200	2.00	12,400	16,700	2.88	48,100
CENTRAL, TOTAL	**164,900**	**3.22**	**531,100**	**147,900**	**2.09**	**309,300**	**312,800**	**2.69**	**840,400**
Carbon	1,200	3.00	3,600	3,100	2.00	6,200	4,300	2.28	9,800
Lehigh	8,400	3.30	27,700	6,600	2.11	13,900	15,000	2.77	41,600
Luzerne	5,300	2.91	15,400	6,100	1.80	11,000	11,400	2.32	26,400
Monroe	1,400	3.00	4,200	3,200	2.00	6,400	4,600	2.30	10,600
Northampton	10,300	3.50	36,100	4,100	2.29	9,400	14,400	3.16	45,500
Pike	200	3.00	600	900	1.56	1,400	1,100	1.82	2,000
Schuylkill	6,600	3.30	21,800	11,100	1.90	21,100	17,700	2.42	42,900
EAST CENTRAL, TOTAL	**33,400**	**3.28**	**109,400**	**35,100**	**1.98**	**69,400**	**68,500**	**2.61**	**178,800**
Allegheny	4,400	2.80	12,300	4,100	1.90	7,800	8,500	2.36	20,100
Fayette	15,500	2.60	40,300	16,700	1.80	30,100	32,200	2.19	70,400
Greene	6,000	2.60	15,600	23,400	1.80	42,100	29,400	1.96	57,700
Somerset	22,300	2.80	62,400	39,700	1.90	75,400	62,000	2.22	137,800
Washington	33,000	3.10	102,300	28,500	1.90	54,200	61,500	2.54	156,500
Westmoreland	24,300	3.00	72,900	25,700	1.90	48,800	50,000	2.43	121,700
SOUTHWESTERN, TOTAL	**105,500**	**2.90**	**305,600**	**138,100**	**1.87**	**258,400**	**243,600**	**2.32**	**564,200**
Adams	8,700	3.20	27,800	30,300	2.10	63,600	39,000	2.34	91,400
Bedford	30,300	3.30	100,000	27,200	1.90	51,700	57,500	2.64	151,700
Cumberland	20,200	3.20	64,600	20,800	1.90	39,500	41,000	2.54	104,100
Franklin	35,300	3.40	120,000	39,700	2.20	87,300	75,000	2.76	207,300
Fulton	8,800	3.30	29,000	16,000	2.00	32,000	24,800	2.46	61,000
York	17,200	3.40	58,500	25,800	2.10	54,200	43,000	2.62	112,700
SOUTH CENTRAL, TOTAL	**120,500**	**3.32**	**399,900**	**159,800**	**2.05**	**328,300**	**280,300**	**2.60**	**728,200**
Berks	33,000	3.50	115,600	30,000	2.30	69,000	63,000	2.93	184,600
Bucks	4,300	3.40	14,600	13,700	2.10	28,800	18,000	2.41	43,400
Chester	24,800	3.20	79,400	26,700	2.09	55,900	51,500	2.63	135,300
Delaware	700	3.00	2,100	600	2.00	1,200	1,300	2.54	3,300
Lancaster	56,000	4.20	235,400	30,000	2.40	72,000	86,000	3.57	307,400
Lebanon	15,300	3.70	56,600	12,900	2.20	28,400	28,200	3.01	85,000
Montgomery	3,800	3.21	12,200	10,200	2.10	21,400	14,000	2.40	33,600
Philadelphia	-	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**137,900**	**3.74**	**515,900**	**124,100**	**2.23**	**276,700**	**262,000**	**3.03**	**792,600**
PENNSYLVANIA	**850,000**	**3.20**	**2,720,000**	**1,130,000**	**2.10**	**2,373,000**	**1,980,000**	**2.57**	**5,093,00**

PENNSYLVANIA: HAY - ACREAGE, YIELD, AND PRODUCTION, 1986

County & District	Alfalfa Hay			Other Hay			All Hay		
	Harvested	Yield	Production	Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	16,800	3.10	52,100	49,200	2.50	123,000	66,000	2.65	175,100
Erie	7,600	2.89	22,000	29,900	2.20	65,800	37,500	2.34	87,800
Forest	900	2.78	2,500	900	1.89	1,700	1,800	2.33	4,200
Mercer	15,800	3.00	47,400	22,200	2.30	51,100	38,000	2.59	98,500
Venango	4,600	3.11	14,300	9,900	2.10	20,800	14,500	2.42	35,100
Warren	5,100	2.90	14,800	14,400	2.00	28,800	19,500	2.24	43,600
NORTHWESTERN, TOTAL	**50,800**	**3.01**	**153,100**	**126,500**	**2.30**	**291,200**	**177,300**	**2.51**	**444,300**
Bradford	42,000	2.70	113,400	73,000	1.90	138,700	115,000	2.19	252,100
Cameron	100	2.00	200	500	1.80	900	600	1.83	1,100
Clinton	6,300	3.21	20,200	5,300	1.91	10,100	11,600	2.61	30,300
Elk	1,800	2.89	5,200	2,800	2.21	6,200	4,600	2.48	11,400
Lycoming	15,700	2.90	45,500	17,300	2.00	34,600	33,000	2.43	80,100
McKean	2,200	2.91	6,400	7,400	1.59	11,800	9,600	1.90	18,200
Potter	8,900	2.30	20,500	17,100	1.90	32,500	26,000	2.04	53,000
Sullivan	2,600	3.00	7,800	8,400	2.00	16,800	11,000	2.24	24,600
Tioga	23,700	2.80	66,400	58,300	1.80	104,900	82,000	2.09	171,300
NORTH CENTRAL, TOTAL	**103,300**	**2.76**	**285,600**	**190,100**	**1.88**	**356,500**	**293,400**	**2.19**	**642,100**
Lackawanna	3,500	2.91	10,200	14,000	1.70	23,800	17,500	1.94	34,000
Susquehanna	14,200	2.60	36,900	45,800	2.30	105,300	60,000	2.37	142,200
Wayne	5,000	2.90	14,500	42,000	2.10	88,200	47,000	2.19	102,700
Wyoming	7,700	3.00	23,100	12,800	2.20	28,200	20,500	2.50	51,300
NORTHEASTERN, TOTAL	**30,400**	**2.79**	**84,700**	**114,600**	**2.14**	**245,500**	**145,000**	**2.28**	**330,200**
Armstrong	16,500	2.70	44,600	17,000	1.80	30,600	33,500	2.24	75,200
Beaver	9,400	3.50	32,900	7,100	2.00	14,200	16,500	2.85	47,100
Butler	19,700	3.40	67,000	20,300	2.60	52,800	40,000	3.00	119,800
Clarion	9,600	3.10	29,800	18,600	2.30	42,800	28,200	2.57	72,600
Indiana	18,200	2.90	52,800	19,400	2.20	42,700	37,600	2.54	95,500
Jefferson	12,200	2.40	29,300	15,300	2.00	30,600	27,500	2.18	59,900
Lawrence	10,700	3.50	37,500	10,300	2.60	26,800	21,000	3.06	64,300
WEST CENTRAL, TOTAL	**96,300**	**3.05**	**293,900**	**108,000**	**2.23**	**240,500**	**204,300**	**2.62**	**534,400**
Blair	16,200	3.40	55,100	11,100	2.00	22,200	27,300	2.83	77,300
Cambria	7,300	3.30	24,100	14,200	2.10	29,800	21,500	2.51	53,900
Centre	23,000	3.50	80,500	15,200	2.40	36,500	38,200	3.06	117,000
Clearfield	8,600	2.80	24,100	11,900	1.60	19,000	20,500	2.10	43,100
Columbia	8,200	3.30	27,100	13,300	2.20	29,300	21,500	2.62	56,400
Dauphin	9,800	3.60	35,300	12,700	2.10	26,700	22,500	2.76	62,000
Huntingdon	17,700	3.10	54,900	16,300	2.30	37,500	34,000	2.72	92,400
Juniata	12,600	3.50	44,100	8,000	2.40	19,200	20,600	3.07	63,300
Mifflin	13,600	3.20	43,500	7,400	2.30	17,000	21,000	2.88	60,500
Montour	3,600	3.11	11,200	4,400	2.00	8,800	8,000	2.50	20,000
Northumberland	7,000	2.90	20,300	10,000	2.20	22,000	17,000	2.49	42,300
Perry	13,900	3.30	45,900	14,600	2.30	33,600	28,500	2.79	79,500
Snyder	10,400	3.40	35,400	10,100	2.40	24,200	20,500	2.91	59,600
Union	9,600	3.30	31,700	5,900	2.51	14,800	15,500	3.00	46,500
CENTRAL, TOTAL	**161,500**	**3.30**	**533,200**	**155,100**	**2.20**	**340,600**	**316,600**	**2.76**	**873,800**
Carbon	1,200	3.08	3,700	3,400	2.21	7,500	4,600	2.43	11,200
Lehigh	7,800	3.21	25,000	8,200	1.90	15,600	16,000	2.54	40,600
Luzerne	5,600	3.11	17,400	7,900	2.00	15,800	13,500	2.46	33,200
Monroe	1,500	2.93	4,400	3,800	2.21	8,400	5,300	2.42	12,800
Northampton	12,000	3.50	42,000	5,000	2.40	12,000	17,000	3.18	54,000
Pike	100	2.00	200	1,000	1.90	1,900	1,100	1.91	2,100
Schuylkill	7,100	3.10	22,000	12,400	2.00	24,800	19,500	2.40	46,800
EAST CENTRAL, TOTAL	**35,300**	**3.25**	**114,700**	**41,700**	**2.06**	**86,000**	**77,000**	**2.61**	**200,700**
Allegheny	4,000	3.00	12,000	5,400	2.00	10,800	9,400	2.43	22,800
Fayette	14,000	2.90	40,600	16,000	2.10	33,600	30,000	2.47	74,200
Greene	7,000	2.70	18,900	24,000	1.70	40,800	31,000	1.93	59,700
Somerset	22,400	2.80	62,700	37,600	2.20	82,700	60,000	2.42	145,400
Washington	31,000	3.40	105,400	29,500	1.90	56,100	60,500	2.67	161,500
Westmoreland	23,000	3.30	75,900	25,000	2.20	55,000	48,000	2.73	130,900
SOUTHWESTERN, TOTAL	**101,400**	**3.11**	**315,500**	**137,500**	**2.03**	**279,000**	**238,900**	**2.49**	**594,500**
Adams	7,700	3.40	26,200	30,300	2.20	66,700	38,000	2.44	92,900
Bedford	32,000	2.60	83,200	27,000	1.80	48,600	59,000	2.23	131,800
Cumberland	20,700	3.20	66,200	19,800	1.90	37,600	40,500	2.56	103,800
Franklin	35,600	2.80	99,700	35,400	1.90	67,400	71,000	2.35	167,100
Fulton	8,200	2.90	23,800	13,800	1.60	22,100	22,000	2.09	45,900
York	17,100	3.40	58,100	28,900	2.00	57,800	46,000	2.52	115,900
SOUTH CENTRAL, TOTAL	**121,300**	**2.94**	**357,200**	**155,200**	**1.93**	**300,200**	**276,500**	**2.38**	**657,400**
Berks	34,500	3.40	117,300	25,500	2.20	56,100	60,000	2.89	173,400
Bucks	4,700	3.81	17,900	16,800	2.00	33,600	21,500	2.40	51,500
Chester	25,400	4.00	101,600	25,100	2.20	55,200	50,500	3.10	156,800
Delaware	600	3.50	2,100	900	2.33	2,100	1,500	2.80	4,200
Lancaster	54,500	4.30	234,500	29,500	2.60	76,700	84,000	3.70	311,200
Lebanon	15,800	3.90	61,600	12,200	2.30	28,100	28,000	3.20	89,700
Montgomery	4,200	3.60	15,100	11,300	2.10	23,700	15,500	2.50	38,800
Philadelphia	-	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**139,700**	**3.94**	**550,100**	**121,300**	**2.27**	**275,500**	**261,000**	**3.16**	**825,600**
PENNSYLVANIA	**840,000**	**3.20**	**2,688,000**	**1,150,000**	**2.10**	**2,415,000**	**1,990,000**	**2.56**	**5,103,000**

PENNSYLVANIA: HAY - ACREAGE, YIELD AND PRODUCTION, 1985

County & District	Alfalfa Hay			Other Hay			All Hay		
	Harvested	Yield	Production	Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	16,000	3.00	48,000	47,000	2.30	108,100	63,000	2.48	156,100
Erie	8,100	2.90	23,500	30,400	2.40	73,000	38,500	2.51	96,500
Forest	900	2.78	2,500	1,200	1.92	2,300	2,100	2.29	4,800
Mercer	15,000	3.50	52,500	23,000	2.30	52,900	38,000	2.77	105,400
Venango	4,200	2.90	12,200	9,300	2.00	18,600	13,500	2.28	30,800
Warren	4,800	2.90	13,900	12,700	2.20	27,900	17,500	2.39	41,800
NORTHWESTERN, TOTAL	**49,000**	**3.11**	**152,600**	**123,600**	**2.29**	**282,800**	**172,600**	**2.52**	**435,400**
Bradford	43,500	2.60	113,100	74,500	1.90	141,600	118,000	2.16	254,700
Cameron	100	2.00	200	500	1.60	800	600	1.67	1,000
Clinton	6,000	2.90	17,400	4,600	2.11	9,700	10,600	2.56	27,100
Elk	1,900	2.58	4,900	2,700	2.11	5,700	4,600	2.30	10,600
Lycoming	16,100	2.90	46,700	17,900	2.10	37,600	34,000	2.48	84,300
McKean	2,500	2.80	7,000	7,700	1.70	13,100	10,200	1.97	20,100
Potter	9,500	2.40	22,800	18,500	1.80	33,300	28,000	2.00	56,100
Sullivan	2,800	3.21	9,000	8,800	1.80	15,800	11,600	2.14	24,800
Tioga	22,500	2.40	54,000	59,500	1.80	107,100	82,000	1.96	161,100
NORTH CENTRAL, TOTAL	**104,900**	**2.62**	**275,100**	**194,700**	**1.87**	**364,700**	**299,600**	**2.14**	**639,800**
Lackawanna	3,700	2.70	10,000	14,300	1.80	25,700	18,000	1.98	35,700
Susquehanna	14,000	2.65	37,100	51,000	2.30	117,300	65,000	2.38	154,400
Wayne	5,600	2.89	16,200	45,400	2.30	104,400	51,000	2.36	120,600
Wyoming	8,100	2.90	23,500	14,900	2.20	32,800	23,000	2.45	56,300
NORTHEASTERN, TOTAL	**31,400**	**2.76**	**86,800**	**125,600**	**2.23**	**280,200**	**157,000**	**2.34**	**367,000**
Armstrong	16,300	2.70	44,000	18,200	1.90	34,600	34,500	2.28	78,600
Beaver	8,700	3.51	30,500	8,300	1.80	14,900	17,000	2.67	45,400
Butler	19,200	3.30	63,400	19,800	2.60	51,500	39,000	2.95	114,900
Clarion	9,000	2.96	26,600	16,800	2.20	37,000	25,800	2.47	63,600
Indiana	17,500	3.20	56,000	16,500	2.10	34,700	34,000	2.67	90,700
Jefferson	12,500	2.60	32,500	13,500	1.90	25,700	26,000	2.24	58,200
Lawrence	10,300	3.30	34,000	8,500	2.60	22,100	18,800	2.98	56,100
WEST CENTRAL, TOTAL	**93,500**	**3.07**	**287,000**	**101,600**	**2.17**	**220,500**	**195,100**	**2.60**	**507,500**
Blair	16,600	3.80	63,100	8,900	2.00	17,800	25,500	3.17	80,900
Cambria	6,600	2.80	18,500	13,400	2.10	28,100	20,000	2.33	46,600
Centre	23,000	3.20	73,600	17,600	2.20	38,700	40,600	2.77	112,300
Clearfield	8,600	3.00	25,800	13,400	1.60	21,400	22,000	2.15	47,200
Columbia	7,800	3.50	27,300	13,200	2.50	33,000	21,000	2.87	60,300
Dauphin	9,800	3.60	35,300	12,300	2.30	28,300	22,100	2.88	63,600
Huntingdon	16,600	3.00	49,800	14,600	2.30	33,600	31,200	2.67	83,400
Juniata	12,000	3.60	43,200	7,200	2.31	16,600	19,200	3.11	59,800
Mifflin	14,000	3.50	49,000	7,500	2.60	19,500	21,500	3.19	68,500
Montour	4,200	3.10	13,000	3,800	2.29	8,700	8,000	2.71	21,700
Northumberland	7,300	3.00	21,900	11,200	2.00	22,400	18,500	2.39	44,300
Perry	14,300	3.50	50,100	14,900	2.10	31,300	29,200	2.79	81,400
Snyder	9,800	3.40	33,300	10,000	2.70	27,000	19,800	3.05	60,300
Union	9,900	3.30	32,700	6,100	2.39	14,600	16,000	2.96	47,300
CENTRAL, TOTAL	**160,500**	**3.34**	**536,600**	**154,100**	**2.21**	**341,000**	**314,600**	**2.79**	**877,600**
Carbon	1,300	3.38	4,400	3,500	2.31	8,100	4,800	2.60	12,500
Lehigh	8,000	3.30	26,400	7,500	1.91	14,300	15,500	2.63	40,700
Luzerne	5,800	3.21	18,600	7,400	2.00	14,800	13,200	2.53	33,400
Monroe	1,600	2.63	4,200	4,400	2.20	9,700	6,000	2.32	13,900
Northampton	13,500	3.70	50,000	6,500	2.31	15,000	20,000	3.25	65,000
Pike	100	2.00	200	1,000	2.10	2,100	1,100	2.09	2,300
Schuylkill	6,900	3.41	23,500	12,100	2.30	27,800	19,000	2.70	51,300
EAST CENTRAL, TOTAL	**37,200**	**3.42**	**127,300**	**42,400**	**2.17**	**91,800**	**79,600**	**2.75**	**219,100**
Allegheny	3,900	3.10	12,100	5,400	1.70	9,200	9,300	2.29	21,300
Fayette	13,000	2.70	35,100	16,800	1.70	28,600	29,800	2.14	63,700
Greene	7,700	2.60	20,000	24,300	1.95	47,400	32,000	2.11	67,400
Somerset	23,000	2.70	62,100	37,000	2.30	85,100	60,000	2.45	147,200
Washington	30,500	3.30	100,700	29,000	2.10	60,900	59,500	2.72	161,600
Westmoreland	23,500	3.10	72,900	25,500	2.40	61,200	49,000	2.74	134,100
SOUTHWESTERN, TOTAL	**101,600**	**2.98**	**302,900**	**138,000**	**2.12**	**292,400**	**239,600**	**2.48**	**595,300**
Adams	7,300	3.70	27,000	31,200	2.40	74,900	38,500	2.65	101,900
Bedford	29,700	2.90	86,100	25,300	2.30	58,200	55,000	2.62	144,300
Cumberland	20,800	3.40	70,700	19,200	2.10	40,300	40,000	2.78	111,000
Franklin	36,000	3.50	126,000	31,000	2.78	86,200	67,000	3.17	212,200
Fulton	8,500	3.60	30,600	10,500	2.00	21,000	19,000	2.72	51,600
York	17,200	3.90	67,100	30,400	2.50	76,000	47,600	3.01	143,100
SOUTH CENTRAL, TOTAL	**119,500**	**3.41**	**407,500**	**147,600**	**2.42**	**356,600**	**267,100**	**2.86**	**764,100**
Berks	36,000	3.60	129,600	24,200	2.40	58,100	60,200	3.12	187,700
Bucks	4,700	4.70	22,100	17,800	2.20	39,200	22,500	2.72	61,300
Chester	26,000	4.20	109,200	25,500	2.20	56,100	51,500	3.21	165,300
Delaware	700	3.71	2,600	1,000	2.60	2,600	1,700	3.06	5,200
Lancaster	54,000	4.60	248,500	28,700	3.00	86,100	82,700	4.05	334,600
Lebanon	16,200	4.10	66,400	12,300	2.50	30,800	28,500	3.41	97,200
Montgomery	4,800	3.71	17,800	12,900	2.10	27,100	17,700	2.54	44,900
Philadelphia	-	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**142,400**	**4.19**	**596,200**	**122,400**	**2.45**	**300,000**	**264,800**	**3.38**	**896,200**
PENNSYLVANIA	**840,000**	**3.30**	**2,772,000**	**1,150,000**	**2.20**	**2,530,000**	**1,990,000**	**2.66**	**5,302,000**

PENNSYLVANIA: WHEAT - ACREAGE, YIELD, PRODUCTION AND VALUE, 1989

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	1,400	1,400	39.0	54,600	191,100
Erie	1,500	1,500	37.0	55,500	194,300
Forest	-	-	-	-	-
Mercer	3,300	3,100	33.0	102,300	358,100
Venango	300	300	31.0	9,300	32,600
Warren	-	-	-	-	-
NORTHWESTERN, TOTAL	**6,500**	**6,300**	**35.2**	**221,700**	**776,100**
Bradford	200	200	33.0	6,600	23,100
Cameron	-	-	-	-	-
Clinton	800	800	28.0	22,400	78,400
Elk	-	-	-	-	-
Lycoming	2,600	2,500	30.0	75,000	262,500
McKean	-	-	-	-	-
Potter	100	100	31.0	3,100	10,900
Sullivan	-	-	-	-	-
Tioga	200	200	30.0	6,000	21,000
NORTH CENTRAL, TOTAL	**3,900**	**3,800**	**29.8**	**113,100**	**395,900**
Lackawanna	500	500	35.0	17,500	61,300
Susquehanna	-	-	-	-	-
Wayne	100	100	30.0	3,000	10,500
Wyoming	300	300	32.0	9,600	33,600
NORTHEASTERN, TOTAL	**900**	**900**	**33.4**	**30,100**	**105,400**
Armstrong	2,100	2,000	37.0	74,000	259,000
Beaver	1,500	1,500	32.0	48,000	168,000
Butler	3,400	3,300	35.0	115,500	404,300
Clarion	1,000	1,000	35.0	35,000	122,500
Indiana	1,800	1,800	35.0	63,000	220,500
Jefferson	600	600	38.0	22,800	79,800
Lawrence	3,800	3,700	39.0	144,300	505,100
WEST CENTRAL, TOTAL	**14,200**	**13,900**	**36.2**	**502,600**	**1,759,200**
Blair	800	800	37.0	29,600	103,600
Cambria	500	500	33.0	16,500	57,800
Centre	4,100	3,900	38.0	148,200	518,700
Clearfield	200	200	30.0	6,000	21,000
Columbia	5,300	5,100	29.0	147,900	517,700
Dauphin	6,900	6,700	35.0	234,500	820,800
Huntingdon	1,400	1,400	34.0	47,600	166,600
Juniata	3,000	2,900	42.0	121,800	426,300
Mifflin	2,100	2,100	35.0	73,500	257,300
Montour	2,500	2,400	38.0	91,200	319,200
Northumberland	6,700	6,500	40.0	260,000	910,000
Perry	5,600	5,500	38.0	209,000	731,500
Snyder	3,900	3,700	30.0	111,000	388,500
Union	2,800	2,700	31.0	83,700	293,000
CENTRAL, TOTAL	**45,800**	**44,400**	**35.6**	**1,580,500**	**5,532,000**
Carbon	1,200	1,200	28.0	33,600	117,600
Lehigh	9,800	9,700	37.0	358,900	1,256,200
Luzerne	1,700	1,700	27.0	45,900	160,700
Monroe	1,200	1,200	34.0	40,800	142,800
Northampton	6,800	6,700	38.0	254,600	891,100
Pike	-	-	-	-	-
Schuylkill	5,400	5,300	30.0	159,000	556,500
EAST CENTRAL, TOTAL	**26,100**	**25,800**	**34.6**	**892,800**	**3,124,900**
Allegheny	500	500	35.0	17,500	61,300
Fayette	1,300	1,300	41.0	53,300	186,600
Greene	100	100	32.0	3,200	11,200
Somerset	800	800	35.0	28,000	98,000
Washington	1,300	1,300	36.0	46,800	163,800
Westmoreland	2,900	2,800	37.0	103,600	362,600
SOUTHWESTERN, TOTAL	**6,900**	**6,800**	**37.1**	**252,400**	**883,500**
Adams	11,800	11,500	36.0	414,000	1,449,000
Bedford	1,500	1,500	41.0	61,500	215,300
Cumberland	9,700	9,500	41.0	389,500	1,363,300
Franklin	11,000	10,700	44.0	470,800	1,647,800
Fulton	2,300	2,200	36.0	79,200	277,200
York	25,400	25,000	36.0	900,000	3,149,500
SOUTH CENTRAL, TOTAL	**61,700**	**60,400**	**38.3**	**2,315,000**	**8,102,100**
Berks	16,700	16,500	35.0	577,500	2,021,300
Bucks	5,700	5,500	34.0	187,000	654,500
Chester	6,700	6,500	43.0	279,500	978,300
Delaware	-	-	-	-	-
Lancaster	15,400	15,000	42.0	630,000	2,205,000
Lebanon	5,500	5,400	43.0	232,200	812,700
Montgomery	4,000	3,800	37.0	140,600	492,100
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**54,000**	**52,700**	**38.8**	**2,046,800**	**7,163,900**
PENNSYLVANIA	**220,000**	**215,000**	**37.0**	**7,955,000**	**27,843,000**

PENNSYLVANIA: WHEAT - ACREAGE, YIELD AND PRODUCTION, 1988-1987

County & District	1988				1987			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Bushels	Bushels	Acres	Acres	Bushels	Bushels
Crawford	700	700	47.0	32,900	800	800	36.0	28,800
Erie	800	800	40.0	32,000	800	800	38.0	30,400
Forest	-	-	-	-	-	-	-	-
Mercer	2,500	2,300	47.0	108,100	2,900	2,700	43.0	116,100
Venango	300	300	47.0	14,100	300	300	32.0	9,600
Warren	-	-	-	-	-	-	-	-
NORTHWESTERN, TOTAL	**4,300**	**4,100**	**45.6**	**187,100**	**4,800**	**4,600**	**40.2**	**184,900**
Bradford	100	100	45.0	4,500	100	100	30.0	3,000
Cameron	-	-	-	-	-	-	-	-
Clinton	600	600	55.0	33,000	700	700	37.0	25,900
Elk	-	-	-	-	-	-	-	-
Lycoming	1,900	1,800	43.0	77,400	1,800	1,700	34.0	57,800
McKean	-	-	-	-	-	-	-	-
Potter	100	100	48.0	4,800	100	100	38.0	3,800
Sullivan	-	-	-	-	-	-	-	-
Tioga	200	200	47.0	9,400	200	200	42.0	8,400
NORTH CENTRAL, TOTAL	**2,900**	**2,800**	**46.1**	**129,100**	**2,900**	**2,800**	**35.3**	**98,900**
Lackawanna	500	500	59.0	29,500	400	400	42.0	16,800
Susquehanna	-	-	-	-	-	-	-	-
Wayne	100	100	48.0	4,800	100	100	45.0	4,500
Wyoming	100	100	46.0	4,600	100	100	38.0	3,800
NORTHEASTERN, TOTAL	**700**	**700**	**55.6**	**38,900**	**600**	**600**	**41.8**	**25,100**
Armstrong	1,400	1,300	42.0	54,600	1,500	1,500	36.0	54,000
Beaver	900	900	45.0	40,500	1,100	1,100	45.0	49,500
Butler	2,600	2,600	50.0	130,000	2,700	2,600	40.0	104,000
Clarion	700	700	47.0	32,900	700	700	41.0	28,700
Indiana	1,600	1,500	54.0	81,000	1,500	1,400	36.0	50,400
Jefferson	500	500	40.0	20,000	400	400	37.0	14,800
Lawrence	2,800	2,600	51.0	132,600	2,700	2,500	43.0	107,500
WEST CENTRAL, TOTAL	**10,500**	**10,100**	**48.7**	**491,600**	**10,600**	**10,200**	**40.1**	**408,900**
Blair	500	500	49.0	24,500	600	600	43.0	25,800
Cambria	300	300	50.0	15,000	300	300	40.0	12,000
Centre	3,200	3,000	61.0	183,000	3,200	3,100	47.0	145,700
Clearfield	200	200	43.0	8,600	200	200	41.0	8,200
Columbia	3,400	3,200	49.0	156,800	3,700	3,600	40.0	144,000
Dauphin	5,800	5,500	42.0	231,000	5,900	5,700	42.0	239,400
Huntingdon	1,200	1,200	49.0	58,800	1,100	1,100	34.0	37,400
Juniata	2,300	2,200	55.0	121,000	2,400	2,300	38.0	87,400
Mifflin	1,400	1,400	58.0	81,200	1,700	1,700	43.0	73,100
Montour	1,900	1,900	45.0	85,500	2,000	1,900	37.0	70,300
Northumberland	5,600	5,400	51.0	275,400	6,300	6,100	42.0	256,200
Perry	4,200	4,100	48.0	196,800	5,100	4,900	39.0	191,100
Snyder	2,900	2,700	46.0	124,200	3,200	3,100	35.0	108,500
Union	2,300	2,200	47.0	103,400	2,500	2,400	41.0	98,400
CENTRAL, TOTAL	**35,200**	**33,800**	**49.3**	**1,665,200**	**38,200**	**37,000**	**40.5**	**1,497,500**
Carbon	800	800	47.0	37,600	800	800	43.0	34,400
Lehigh	8,300	8,200	55.0	451,000	9,400	9,200	45.0	414,000
Luzerne	1,200	1,200	56.0	67,200	1,400	1,300	42.0	54,600
Monroe	1,000	1,000	40.0	40,000	1,100	1,100	41.0	45,100
Northampton	5,200	5,000	55.0	275,000	5,700	5,500	47.0	258,500
Pike	-	-	-	-	-	-	-	-
Schuylkill	4,700	4,600	44.0	202,400	5,200	5,000	40.0	200,000
EAST CENTRAL, TOTAL	**21,200**	**20,800**	**51.6**	**1,073,200**	**23,600**	**22,900**	**44.0**	**1,006,600**
Allegheny	300	300	40.0	12,000	300	300	40.0	12,000
Fayette	800	800	46.0	36,800	800	800	42.0	33,600
Greene	100	100	51.0	5,100	100	100	37.0	3,700
Somerset	500	500	39.0	19,500	500	500	35.0	17,500
Washington	900	900	41.0	36,900	1,000	1,000	43.0	43,000
Westmoreland	2,200	2,000	49.0	98,000	2,400	2,200	40.0	88,000
SOUTHWESTERN, TOTAL	**4,800**	**4,600**	**45.3**	**208,300**	**5,100**	**4,900**	**40.4**	**197,800**
Adams	10,600	10,300	55.0	566,500	10,900	10,600	40.0	424,000
Bedford	1,100	1,100	43.0	47,300	1,100	1,100	44.0	48,400
Cumberland	7,900	7,700	56.0	431,200	8,100	7,900	45.0	355,500
Franklin	9,200	9,000	58.0	522,000	9,500	9,300	46.0	427,800
Fulton	1,700	1,500	55.0	82,500	1,900	1,900	41.0	77,900
York	21,600	21,200	52.0	1,102,400	24,400	24,100	43.0	1,035,600
SOUTH CENTRAL, TOTAL	**52,100**	**50,800**	**54.2**	**2,751,900**	**55,900**	**54,900**	**43.2**	**2,369,200**
Berks	13,200	13,000	56.0	728,000	14,400	14,200	45.0	639,000
Bucks	4,100	4,000	53.0	212,000	4,800	4,600	41.0	188,600
Chester	5,000	4,900	61.0	298,900	5,500	5,300	47.0	249,100
Delaware	-	-	-	-	-	-	39.0	-
Lancaster	13,300	13,000	62.0	806,000	15,500	15,200	47.0	714,400
Lebanon	4,500	4,400	62.0	272,800	5,000	4,800	50.0	240,000
Montgomery	3,200	3,000	49.0	147,000	3,100	3,000	45.0	135,000
Philadelphia	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**43,300**	**42,300**	**58.3**	**2,464,700**	**48,300**	**47,100**	**46.0**	**2,166,100**
PENNSYLVANIA	**175,000**	**170,000**	**53.0**	**9,010,000**	**190,000**	**185,000**	**43.0**	**7,955,000**

PENNSYLVANIA: WHEAT - ACREAGE, YIELD AND PRODUCTION, 1986-1985

County & District	1986				1985			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Bushels	Bushels	Acres	Acres	Bushels	Bushels
Crawford	1,300	1,200	34.0	40,800	1,100	1,000	40.0	40,000
Erie	1,200	1,100	42.0	46,200	1,200	1,100	37.0	40,700
Forest	-	-	-	-	-	-	-	-
Mercer	4,100	3,900	37.0	144,300	3,800	3,600	48.0	172,800
Venango	300	300	45.0	13,500	300	300	41.0	12,300
Warren	-	-	-	-	-	-	-	-
NORTHWESTERN, TOTAL	**6,900**	**6,500**	**37.7**	**244,800**	**6,400**	**6,000**	**44.3**	**265,800**
Bradford	400	300	43.0	12,900	500	400	41.0	16,400
Cameron	-	-	-	-	-	-	-	-
Clinton	1,000	900	51.0	45,900	900	800	48.0	38,400
Elk	-	-	-	-	-	-	-	-
Lycoming	2,700	2,500	35.0	87,500	3,200	3,000	44.0	132,000
McKean	-	-	-	-	-	-	-	-
Potter	200	200	40.0	8,000	200	200	40.0	8,000
Sullivan	-	-	-	-	-	-	-	-
Tioga	200	200	36.0	7,200	200	200	46.0	9,200
NORTH CENTRAL, TOTAL	**4,500**	**4,100**	**39.4**	**161,500**	**5,000**	**4,600**	**44.3**	**204,000**
Lackawanna	300	300	54.0	16,200	200	200	60.0	12,000
Susquehanna	-	-	-	-	-	-	-	-
Wayne	-	-	-	-	-	-	-	-
Wyoming	100	100	35.0	3,500	100	100	41.0	4,100
NORTHEASTERN, TOTAL	**400**	**400**	**49.3**	**19,700**	**300**	**300**	**53.7**	**16,100**
Armstrong	2,700	2,500	39.0	97,500	2,200	2,100	38.0	79,800
Beaver	1,900	1,800	41.0	73,800	1,900	1,800	48.0	86,400
Butler	3,200	3,000	39.0	117,000	3,200	3,100	45.0	139,500
Clarion	900	800	38.0	30,400	800	700	36.0	25,200
Indiana	1,800	1,700	39.0	66,300	1,400	1,300	46.0	59,800
Jefferson	700	600	36.0	21,600	800	700	41.0	28,700
Lawrence	3,600	3,400	42.0	142,800	3,500	3,300	46.0	151,800
WEST CENTRAL, TOTAL	**14,800**	**13,800**	**39.8**	**549,400**	**13,800**	**13,000**	**43.9**	**571,200**
Blair	1,000	900	44.0	39,600	1,200	1,100	41.0	45,100
Cambria	400	400	42.0	16,800	500	400	38.0	15,200
Centre	4,100	4,000	50.0	200,000	3,400	3,300	51.0	168,300
Clearfield	200	200	40.0	8,000	200	200	38.0	7,600
Columbia	6,200	5,800	39.0	226,200	6,400	6,200	47.0	291,400
Dauphin	7,400	7,000	42.0	294,000	6,200	5,900	38.0	224,200
Huntingdon	1,500	1,300	38.0	49,400	1,400	1,300	42.0	54,600
Juniata	3,500	3,400	39.0	132,600	3,200	3,100	45.0	139,500
Mifflin	2,500	1,900	44.0	83,600	2,200	2,100	50.0	105,000
Montour	2,500	2,300	39.0	89,700	1,900	1,800	44.0	79,200
Northumberland	7,500	7,200	40.0	288,000	7,100	6,800	48.0	326,400
Perry	6,000	5,700	42.0	239,400	5,800	5,500	46.0	253,000
Snyder	3,900	3,700	36.0	133,200	3,700	3,600	38.0	136,800
Union	3,100	2,900	36.0	104,400	3,000	2,900	50.0	145,000
CENTRAL, TOTAL	**49,800**	**46,700**	**40.8**	**1,904,900**	**46,200**	**44,200**	**45.1**	**1,991,300**
Carbon	1,100	1,000	45.0	45,000	1,100	1,000	42.0	42,000
Lehigh	11,000	10,700	49.0	524,300	11,400	11,000	60.0	660,000
Luzerne	2,000	1,900	47.0	89,300	1,900	1,800	60.0	108,000
Monroe	1,400	1,300	52.0	67,600	1,300	1,200	54.0	64,800
Northampton	7,100	6,900	49.0	338,100	7,200	7,000	61.0	427,000
Pike	-	-	-	-	-	-	-	-
Schuylkill	5,600	5,500	46.0	253,000	4,900	4,700	49.0	230,300
EAST CENTRAL, TOTAL	**28,200**	**27,300**	**48.3**	**1,317,300**	**27,800**	**26,700**	**57.4**	**1,532,100**
Allegheny	300	300	35.0	10,500	500	400	38.0	15,200
Fayette	1,100	1,100	39.0	42,900	1,700	1,500	42.0	63,000
Greene	200	200	48.0	9,600	200	200	45.0	9,000
Somerset	800	700	41.0	28,700	600	600	40.0	24,000
Washington	1,000	900	41.0	36,900	1,000	900	52.0	46,800
Westmoreland	2,800	2,600	38.0	98,800	2,500	2,400	42.0	100,800
SOUTHWESTERN, TOTAL	**6,200**	**5,800**	**39.2**	**227,400**	**6,500**	**6,000**	**43.1**	**258,800**
Adams	11,700	11,500	40.0	460,000	11,300	10,200	41.0	418,200
Bedford	1,600	1,500	43.0	64,500	1,600	1,500	49.0	73,500
Cumberland	10,100	9,800	47.0	460,600	10,700	10,300	44.0	453,200
Franklin	8,300	8,000	44.0	352,000	6,900	6,500	49.0	318,500
Fulton	2,300	2,200	33.0	72,600	1,500	1,400	43.0	60,200
York	26,200	25,700	45.0	1,156,100	25,100	24,500	47.0	1,151,500
SOUTH CENTRAL, TOTAL	**60,200**	**58,700**	**43.7**	**2,565,800**	**57,100**	**54,400**	**45.5**	**2,475,100**
Berks	18,200	17,700	43.0	761,100	17,900	17,300	48.0	830,400
Bucks	5,500	5,300	42.0	222,600	6,300	6,100	48.0	292,800
Chester	5,900	5,600	49.0	274,400	5,700	5,400	49.0	264,600
Delaware	100	100	41.0	4,100	100	100	47.0	4,700
Lancaster	19,800	19,000	53.0	1,007,000	18,700	17,900	54.0	966,600
Lebanon	5,800	5,500	49.0	269,500	4,600	4,500	53.0	238,500
Montgomery	3,700	3,500	43.0	150,500	3,600	3,500	48.0	168,000
Philadelphia	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**59,000**	**56,700**	**47.4**	**2,689,200**	**56,900**	**54,800**	**50.5**	**2,765,600**
PENNSYLVANIA	**230,000**	**220,000**	**44.0**	**9,680,000**	**220,000**	**210,000**	**48.0**	**10,080,000**

PENNSYLVANIA: BARLEY - ACREAGE, YIELD, PRODUCTION AND VALUE, 1989

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	500	500	43.0	21,500	41,900
Erie	300	300	47.0	14,100	27,500
Forest	-	-	-	-	-
Mercer	400	400	40.0	16,000	31,200
Venango	100	100	44.0	4,400	8,600
Warren	-	-	-	-	-
NORTHWESTERN, TOTAL	**1,300**	**1,300**	**43.1**	**56,000**	**109,200**
Bradford	300	300	42.0	12,600	24,600
Cameron	-	-	-	-	-
Clinton	-	-	-	-	-
Elk	100	100	42.0	4,200	8,200
Lycoming	400	400	52.0	20,800	40,600
McKean	-	-	-	-	-
Potter	400	300	41.0	12,300	24,000
Sullivan	-	-	-	-	-
Tioga	200	200	58.0	11,600	22,600
NORTH CENTRAL, TOTAL	**1,400**	**1,300**	**47.3**	**61,500**	**120,000**
Lackawanna	-	-	-	-	-
Susquehanna	100	100	48.0	4,800	9,400
Wayne	-	-	-	-	-
Wyoming	-	-	-	-	-
NORTHEASTERN, TOTAL	**100**	**100**	**48.0**	**4,800**	**9,400**
Armstrong	1,100	1,000	49.0	49,000	95,600
Beaver	900	800	47.0	37,600	73,300
Butler	1,300	1,100	49.0	53,900	105,100
Clarion	100	100	56.0	5,600	10,900
Indiana	700	600	59.0	35,400	69,000
Jefferson	200	200	45.0	9,000	17,600
Lawrence	600	500	49.0	24,500	47,800
WEST CENTRAL, TOTAL	**4,900**	**4,300**	**50.0**	**215,000**	**419,300**
Blair	100	100	63.0	6,300	12,300
Cambria	200	200	51.0	10,200	19,900
Centre	500	400	63.0	25,200	49,100
Clearfield	100	100	54.0	5,400	10,500
Columbia	300	300	54.0	16,200	31,600
Dauphin	4,000	3,800	62.0	235,600	459,400
Huntingdon	100	100	58.0	5,800	11,300
Juniata	1,300	1,200	54.0	64,800	126,400
Mifflin	200	200	55.0	11,000	21,500
Montour	700	700	60.0	42,000	81,900
Northumberland	1,400	1,400	62.0	86,800	169,300
Perry	1,300	1,200	62.0	74,400	145,100
Snyder	1,100	1,000	59.0	59,000	115,100
Union	1,000	1,000	62.0	62,000	120,900
CENTRAL, TOTAL	**12,300**	**11,700**	**60.2**	**704,700**	**1,374,300**
Carbon	-	-	-	-	-
Lehigh	2,100	2,000	52.0	104,000	202,800
Luzerne	100	100	51.0	5,100	9,900
Monroe	-	-	-	-	-
Northampton	1,500	1,400	52.0	72,800	142,000
Pike	-	-	-	-	-
Schuylkill	1,400	1,200	52.0	62,400	121,700
EAST CENTRAL, TOTAL	**5,100**	**4,700**	**52.0**	**244,300**	**476,400**
Allegheny	100	100	43.0	4,300	8,400
Fayette	200	200	58.0	11,600	22,600
Greene	-	-	-	-	-
Somerset	1,500	1,400	49.0	68,600	133,800
Washington	1,600	1,500	58.0	87,000	169,700
Westmoreland	1,000	1,000	51.0	51,000	99,500
SOUTHWESTERN, TOTAL	**4,400**	**4,200**	**53.0**	**222,500**	**434,000**
Adams	3,200	3,000	52.0	156,000	304,200
Bedford	1,100	1,100	53.0	58,300	113,700
Cumberland	4,600	4,400	63.0	277,200	540,400
Franklin	9,500	9,000	65.0	585,000	1,140,700
Fulton	1,000	1,000	55.0	55,000	107,300
York	12,400	12,000	60.0	720,000	1,403,900
SOUTH CENTRAL, TOTAL	**31,800**	**30,500**	**60.7**	**1,851,500**	**3,610,200**
Berks	7,700	7,300	58.0	423,400	825,500
Bucks	1,200	1,100	61.0	67,100	130,800
Chester	4,300	4,200	57.0	239,400	466,800
Delaware	100	100	55.0	5,500	10,700
Lancaster	9,700	9,100	66.0	600,600	1,171,100
Lebanon	3,900	3,500	65.0	227,500	443,500
Montgomery	1,800	1,600	57.0	91,200	177,800
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**28,700**	**26,900**	**61.5**	**1,654,700**	**3,226,200**
PENNSYLVANIA	**90,000**	**85,000**	**59.0**	**5,015,000**	**9,779,00**

PENNSYLVANIA: BARLEY - ACREAGE, YIELD AND PRODUCTION, 1988-1987

County & District	1988				1987			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Bushels	Bushels	Acres	Acres	Bushels	Bushels
Crawford	300	300	50.0	15,000	500	500	54.0	27,000
Erie	200	200	45.0	9,000	200	200	50.0	10,000
Forest	-	-	-	-	-	-	-	-
Mercer	300	300	50.0	15,000	400	400	49.0	19,600
Venango	100	100	41.0	4,100	100	100	49.0	4,900
Warren	-	-	-	-	-	-	-	-
NORTHWESTERN, TOTAL	**900**	**900**	**47.9**	**43,100**	**1,200**	**1,200**	**51.3**	**61,500**
Bradford	400	300	48.0	14,400	400	400	54.0	21,600
Cameron	-	-	-	-	-	-	-	-
Clinton	-	-	-	-	-	-	-	-
Elk	100	100	40.0	4,000	100	100	42.0	4,200
Lycoming	300	300	43.0	12,900	200	200	49.0	9,800
McKean	-	-	-	-	-	-	-	-
Potter	200	200	40.0	8,000	100	100	51.0	5,100
Sullivan	-	-	-	-	-	-	-	-
Tioga	200	200	46.0	9,200	200	200	49.0	9,800
NORTH CENTRAL, TOTAL	**1,200**	**1,100**	**44.1**	**48,500**	**1,000**	**1,000**	**50.5**	**50,500**
Lackawanna	-	-	-	-	-	-	-	-
Susquehanna	100	100	45.0	4,500	100	100	44.0	4,400
Wayne	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
NORTHEASTERN, TOTAL	**100**	**100**	**45.0**	**4,500**	**100**	**100**	**44.0**	**4,400**
Armstrong	600	500	57.0	28,500	400	400	50.0	20,000
Beaver	300	300	59.0	17,700	400	400	58.0	23,200
Butler	700	600	57.0	34,200	900	700	52.0	36,400
Clarion	100	100	48.0	4,800	100	100	48.0	4,800
Indiana	500	400	60.0	24,000	400	400	48.0	19,200
Jefferson	100	100	45.0	4,500	100	100	45.0	4,500
Lawrence	300	300	49.0	14,700	500	500	50.0	25,000
WEST CENTRAL, TOTAL	**2,600**	**2,300**	**55.8**	**128,400**	**2,700**	**2,600**	**51.2**	**133,100**
Blair	100	100	68.0	6,800	200	200	57.0	11,400
Cambria	100	100	55.0	5,500	200	200	48.0	9,600
Centre	300	300	61.0	18,300	400	400	50.0	20,000
Clearfield	100	100	55.0	5,500	100	100	47.0	4,700
Columbia	300	300	50.0	15,000	500	500	51.0	25,500
Dauphin	2,600	2,400	59.0	141,600	2,900	2,700	48.0	129,600
Huntingdon	200	200	53.0	10,600	200	200	45.0	9,000
Juniata	900	800	63.0	50,400	1,100	1,000	52.0	52,000
Mifflin	200	200	58.0	11,600	200	200	46.0	9,200
Montour	500	500	62.0	31,000	300	300	48.0	14,400
Northumberland	1,300	1,000	66.0	66,000	2,000	1,800	59.0	106,200
Perry	900	800	66.0	52,800	1,200	1,100	54.0	59,400
Snyder	900	800	56.0	44,800	1,000	900	56.0	50,400
Union	300	300	65.0	19,500	400	400	58.0	23,200
CENTRAL, TOTAL	**8,700**	**7,900**	**60.7**	**479,400**	**10,700**	**10,000**	**52.5**	**524,600**
Carbon	-	-	57.0	-	-	-	-	-
Lehigh	1,400	1,200	61.0	73,200	1,700	1,400	58.0	81,200
Luzerne	100	100	56.0	5,600	100	100	61.0	6,100
Monroe	-	-	60.0	-	-	-	-	-
Northampton	1,000	900	68.0	61,200	1,100	900	58.0	52,200
Pike	-	-	-	-	-	-	-	-
Schuylkill	500	400	59.0	23,600	700	600	54.0	32,400
EAST CENTRAL, TOTAL	**3,000**	**2,600**	**62.9**	**163,600**	**3,600**	**3,000**	**57.3**	**171,900**
Allegheny	100	100	57.0	5,700	100	100	61.0	6,100
Fayette	200	200	64.0	12,800	200	200	46.0	9,200
Greene	-	-	-	-	-	-	-	-
Somerset	500	500	58.0	29,000	900	800	47.0	37,600
Washington	400	400	54.0	21,600	400	400	49.0	19,600
Westmoreland	700	600	57.0	34,200	800	700	53.0	37,100
SOUTHWESTERN, TOTAL	**1,900**	**1,800**	**57.4**	**103,300**	**2,400**	**2,200**	**49.8**	**109,600**
Adams	2,600	2,300	58.0	133,400	2,700	2,400	49.0	117,600
Bedford	600	600	58.0	34,800	800	700	58.0	40,600
Cumberland	3,300	2,900	67.0	194,300	3,500	3,300	53.0	174,900
Franklin	6,300	5,900	71.0	418,900	6,200	5,700	58.0	330,600
Fulton	700	600	62.0	37,200	700	700	49.0	34,300
York	8,900	8,300	68.0	564,400	7,300	6,700	55.0	368,500
SOUTH CENTRAL, TOTAL	**22,400**	**20,600**	**67.1**	**1,383,000**	**21,200**	**19,500**	**54.7**	**1,066,500**
Berks	5,300	5,000	69.0	345,000	4,600	4,200	61.0	256,200
Bucks	1,000	900	68.0	61,200	400	400	52.0	20,800
Chester	2,500	2,400	76.0	182,400	3,900	3,600	66.0	237,600
Delaware	100	100	70.0	7,000	100	100	61.0	6,100
Lancaster	7,000	6,500	74.0	481,000	9,300	8,600	66.0	567,600
Lebanon	2,600	2,200	73.0	160,600	3,400	3,100	60.0	186,000
Montgomery	700	600	65.0	39,000	400	400	59.0	23,600
Philadelphia	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**19,200**	**17,700**	**72.1**	**1,276,200**	**22,100**	**20,400**	**63.6**	**1,297,900**
PENNSYLVANIA	**60,000**	**55,000**	**66.0**	**3,630,000**	**65,000**	**60,000**	**57.0**	**3,420,000**

PENNSYLVANIA: BARLEY - ACREAGE, YIELD AND PRODUCTION, 1986-1985

County & District	1986				1985			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Bushels	Bushels	Acres	Acres	Bushels	Bushels
Crawford	400	400	53.0	21,200	200	200	61.0	12,200
Erie	200	200	60.0	12,000	200	200	64.0	12,800
Forest	-	-	-	-	-	-	-	-
Mercer	500	500	58.0	29,000	500	500	68.0	34,000
Venango	200	100	56.0	5,600	100	100	63.0	6,300
Warren	-	-	-	-	-	-	-	-
NORTHWESTERN, TOTAL	**1,300**	**1,200**	**56.5**	**67,800**	**1,000**	**1,000**	**65.3**	**65,300**
Bradford	400	300	49.0	14,700	300	200	53.0	10,600
Cameron	-	-	-	-	-	-	-	-
Clinton	-	-	-	-	-	-	-	-
Elk	100	100	45.0	4,500	100	100	52.0	5,200
Lycoming	300	300	48.0	14,400	500	400	58.0	23,200
McKean	-	-	-	-	-	-	-	-
Potter	200	200	57.0	11,400	300	300	60.0	18,000
Sullivan	-	-	-	-	-	-	-	-
Tioga	300	200	58.0	11,600	200	200	55.0	11,000
NORTH CENTRAL, TOTAL	**1,300**	**1,100**	**51.5**	**56,600**	**1,500**	**1,200**	**56.7**	**68,000**
Lackawanna	-	-	-	-	-	-	-	-
Susquehanna	100	100	45.0	4,500	100	100	52.0	5,200
Wayne	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
NORTHEASTERN, TOTAL	**100**	**100**	**45.0**	**4,500**	**100**	**100**	**52.0**	**5,200**
Armstrong	500	500	65.0	32,500	700	700	65.0	45,500
Beaver	500	500	66.0	33,000	600	500	67.0	33,500
Butler	800	800	60.0	48,000	1,100	1,000	62.0	62,000
Clarion	100	100	52.0	5,200	100	100	54.0	5,400
Indiana	400	400	60.0	24,000	400	400	56.0	22,400
Jefferson	300	200	50.0	10,000	200	200	60.0	12,000
Lawrence	500	500	62.0	31,000	400	400	58.0	23,200
WEST CENTRAL, TOTAL	**3,100**	**3,000**	**61.2**	**183,700**	**3,500**	**3,300**	**61.8**	**204,000**
Blair	300	300	60.0	18,000	400	400	71.0	28,400
Cambria	300	300	55.0	16,500	400	400	56.0	22,400
Centre	400	400	53.0	21,200	400	400	67.0	26,800
Clearfield	100	100	50.0	5,000	100	100	58.0	5,800
Columbia	600	500	63.0	31,500	400	400	74.0	29,600
Dauphin	3,200	3,100	53.0	164,300	3,400	3,300	56.0	184,800
Huntingdon	300	300	51.0	15,300	400	400	62.0	24,800
Juniata	1,100	1,000	58.0	58,000	1,100	1,000	53.0	53,000
Mifflin	300	300	49.0	14,700	400	400	62.0	24,800
Montour	400	400	52.0	20,800	500	500	60.0	30,000
Northumberland	1,900	1,700	60.0	102,000	1,600	1,500	67.0	100,500
Perry	1,100	1,100	58.0	63,800	1,200	1,100	60.0	66,000
Snyder	900	900	54.0	48,600	900	900	64.0	57,600
Union	500	500	56.0	28,000	400	400	60.0	24,000
CENTRAL, TOTAL	**11,400**	**10,900**	**55.8**	**607,700**	**11,600**	**11,200**	**60.6**	**678,500**
Carbon	-	-	-	-	-	-	-	-
Lehigh	1,800	1,600	50.0	80,000	1,900	1,800	57.0	102,600
Luzerne	100	100	45.0	4,500	100	100	56.0	5,600
Monroe	-	-	-	-	-	-	-	-
Northampton	1,000	1,000	55.0	55,000	900	800	65.0	52,000
Pike	-	-	-	-	-	-	-	-
Schuylkill	1,100	1,000	57.0	57,000	1,000	900	62.0	55,800
EAST CENTRAL, TOTAL	**4,000**	**3,700**	**53.1**	**196,500**	**3,900**	**3,600**	**60.0**	**216,000**
Allegheny	100	100	60.0	6,000	200	200	58.0	11,600
Fayette	700	500	64.0	32,000	900	800	59.0	47,200
Greene	-	-	-	-	-	-	-	-
Somerset	700	700	70.0	49,000	600	600	64.0	38,400
Washington	600	600	59.0	35,400	700	700	53.0	37,100
Westmoreland	900	800	62.0	49,600	1,100	1,000	58.0	58,000
SOUTHWESTERN, TOTAL	**3,000**	**2,700**	**63.7**	**172,000**	**3,500**	**3,300**	**58.3**	**192,300**
Adams	2,600	2,400	56.0	134,400	2,900	2,400	55.0	132,000
Bedford	700	700	54.0	37,800	800	700	56.0	39,200
Cumberland	3,600	3,400	52.0	176,800	3,900	3,500	56.0	196,000
Franklin	6,300	5,500	58.0	319,000	5,900	5,500	67.0	368,500
Fulton	800	800	50.0	40,000	1,000	900	53.0	47,700
York	8,600	8,000	65.0	520,000	10,400	9,900	61.0	603,900
SOUTH CENTRAL, TOTAL	**22,600**	**20,800**	**59.0**	**1,228,000**	**24,900**	**22,900**	**60.6**	**1,387,300**
Berks	5,500	5,300	56.0	296,800	6,600	6,400	62.0	396,800
Bucks	1,100	1,000	63.0	63,000	1,900	1,700	58.0	98,600
Chester	3,500	3,400	70.0	238,000	3,700	3,300	66.0	217,800
Delaware	-	-	-	-	-	-	-	-
Lancaster	8,500	7,800	69.0	538,200	8,000	7,500	68.0	510,000
Lebanon	3,800	3,200	62.0	198,400	3,400	3,200	67.0	214,400
Montgomery	800	800	61.0	48,800	1,400	1,300	66.0	85,800
Philadelphia	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**23,200**	**21,500**	**64.3**	**1,383,200**	**25,000**	**23,400**	**65.1**	**1,523,400**
PENNSYLVANIA	**70,000**	**65,000**	**60.0**	**3,900,000**	**75,000**	**70,000**	**62.0**	**4,340,000**

PENNSYLVANIA: OATS - ACREAGE, YIELD, PRODUCTION AND VALUE, 1989

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	11,300	10,300	48.0	494,400	815,800
Erie	7,900	7,000	50.0	350,000	577,500
Forest	200	200	56.0	11,200	18,500
Mercer	9,800	9,100	48.0	436,800	720,700
Venango	2,700	2,600	53.0	137,800	227,400
Warren	2,000	1,400	50.0	70,000	115,500
NORTHWESTERN, TOTAL	**33,900**	**30,600**	**49.0**	**1,500,200**	**2,475,400**
Bradford	6,800	4,800	58.0	278,400	459,400
Cameron	100	100	56.0	5,600	9,200
Clinton	1,900	1,900	51.0	96,900	159,900
Elk	700	600	49.0	29,400	48,500
Lycoming	6,500	5,800	51.0	295,800	488,100
McKean	500	300	51.0	15,300	25,200
Potter	3,100	2,700	58.0	156,600	258,400
Sullivan	600	400	50.0	20,000	33,000
Tioga	5,000	3,800	52.0	197,600	326,000
NORTH CENTRAL, TOTAL	**25,200**	**20,400**	**53.7**	**1,095,600**	**1,807,700**
Lackawanna	300	200	50.0	10,000	16,500
Susquehanna	1,700	1,000	46.0	46,000	75,900
Wayne	200	100	47.0	4,700	7,800
Wyoming	800	700	47.0	32,900	54,300
NORTHEASTERN, TOTAL	**3,000**	**2,000**	**46.8**	**93,600**	**154,500**
Armstrong	5,900	5,800	50.0	290,000	478,500
Beaver	2,700	2,500	56.0	140,000	231,000
Butler	8,700	8,500	57.0	484,500	799,400
Clarion	4,300	3,900	51.0	198,900	328,200
Indiana	10,500	9,800	55.0	539,000	889,400
Jefferson	4,800	4,500	51.0	229,500	378,700
Lawrence	5,600	5,300	54.0	286,200	472,200
WEST CENTRAL, TOTAL	**42,500**	**40,300**	**53.8**	**2,168,100**	**3,577,400**
Blair	2,000	1,500	58.0	87,000	143,600
Cambria	9,200	8,700	61.0	530,700	875,700
Centre	7,900	7,500	57.0	427,500	705,400
Clearfield	2,800	2,600	53.0	137,800	227,400
Columbia	6,100	6,000	53.0	318,000	524,700
Dauphin	4,500	4,200	51.0	214,200	353,400
Huntingdon	4,000	3,800	55.0	209,000	344,900
Juniata	3,900	3,800	51.0	193,800	319,800
Mifflin	2,100	2,000	56.0	112,000	184,800
Montour	2,800	2,600	54.0	140,400	231,700
Northumberland	6,700	6,300	58.0	365,400	602,900
Perry	5,000	4,600	53.0	243,800	402,300
Snyder	5,600	5,400	52.0	280,800	463,300
Union	4,300	4,000	56.0	224,000	369,600
CENTRAL, TOTAL	**66,900**	**63,000**	**55.3**	**3,484,400**	**5,749,500**
Carbon	2,000	1,900	48.0	91,200	150,500
Lehigh	6,200	6,000	57.0	342,000	564,300
Luzerne	3,500	3,300	51.0	168,300	277,700
Monroe	1,800	1,800	49.0	88,200	145,500
Northampton	4,100	3,700	57.0	210,900	348,000
Pike	100	100	49.0	4,900	8,100
Schuylkill	8,200	7,700	54.0	415,800	686,100
EAST CENTRAL, TOTAL	**25,900**	**24,500**	**53.9**	**1,321,300**	**2,180,200**
Allegheny	900	800	56.0	44,800	73,900
Fayette	3,200	2,700	59.0	159,300	262,800
Greene	400	300	54.0	16,200	26,700
Somerset	14,700	13,600	64.0	870,400	1,436,200
Washington	3,700	3,200	59.0	188,800	311,500
Westmoreland	8,200	8,000	55.0	440,000	726,000
SOUTHWESTERN, TOTAL	**31,100**	**28,600**	**60.1**	**1,719,500**	**2,837,100**
Adams	2,900	2,200	47.0	103,400	170,600
Bedford	5,800	5,000	53.0	265,000	437,300
Cumberland	5,700	5,400	58.0	313,200	516,800
Franklin	5,700	5,000	56.0	280,000	462,000
Fulton	3,600	3,300	54.0	178,200	294,000
York	7,300	6,700	48.0	321,600	530,600
SOUTH CENTRAL, TOTAL	**31,000**	**27,600**	**52.9**	**1,461,400**	**2,411,300**
Berks	9,200	8,600	49.0	421,400	695,300
Bucks	2,200	1,800	51.0	91,800	151,500
Chester	1,700	1,200	52.0	62,400	103,000
Delaware	100	100	54.0	5,400	8,900
Lancaster	2,800	2,500	58.0	145,000	239,300
Lebanon	3,000	2,500	55.0	137,500	226,900
Montgomery	1,500	1,300	48.0	62,400	103,000
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**20,500**	**18,000**	**51.4**	**925,900**	**1,527,900**
PENNSYLVANIA	280,000	255,000	54.0	13,770,000	22,721,000

PENNSYLVANIA: OATS - ACREAGE, YIELD AND PRODUCTION, 1988-1987

County & District	1988				1987			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Bushels	Bushels	Acres	Acres	Bushels	Bushels
Crawford	13,200	11,900	43.0	511,700	12,300	11,200	58.0	649,600
Erie	8,400	7,000	51.0	357,000	8,800	7,800	66.0	514,800
Forest	200	200	41.0	8,200	200	200	60.0	12,000
Mercer	10,500	9,600	45.0	432,000	11,200	10,500	57.0	598,500
Venango	2,700	2,500	47.0	117,500	2,800	2,700	54.0	145,800
Warren	1,800	1,300	54.0	70,200	2,000	1,300	64.0	83,200
NORTHWESTERN, TOTAL	**36,800**	**32,500**	**46.0**	**1,496,600**	**37,300**	**33,700**	**59.5**	**2,003,900**
Bradford	7,300	5,400	40.0	216,000	7,800	5,800	49.0	284,200
Cameron	100	100	43.0	4,300	100	100	45.0	4,500
Clinton	1,800	1,800	38.0	68,400	1,800	1,700	55.0	93,500
Elk	700	700	40.0	28,000	700	600	53.0	31,800
Lycoming	6,300	5,800	42.0	243,600	6,300	5,900	56.0	330,400
McKean	500	400	39.0	15,600	500	300	48.0	14,400
Potter	2,800	2,400	54.0	129,600	2,600	2,300	68.0	156,400
Sullivan	600	500	43.0	21,500	700	500	60.0	30,000
Tioga	5,500	4,200	38.0	159,600	5,700	4,600	57.0	262,200
NORTH CENTRAL, TOTAL	**25,600**	**21,300**	**41.6**	**886,600**	**26,200**	**21,800**	**55.4**	**1,207,400**
Lackawanna	300	200	39.0	7,800	400	200	51.0	10,200
Susquehanna	1,600	1,200	40.0	48,000	1,700	1,300	53.0	68,900
Wayne	200	100	44.0	4,400	300	100	54.0	5,400
Wyoming	900	700	42.0	29,400	1,100	800	56.0	44,800
NORTHEASTERN, TOTAL	**3,000**	**2,200**	**40.7**	**89,600**	**3,500**	**2,400**	**53.9**	**129,300**
Armstrong	6,000	5,700	38.0	216,600	6,100	5,600	52.0	291,200
Beaver	2,700	2,400	44.0	105,600	2,700	2,500	55.0	137,500
Butler	8,400	8,200	45.0	369,000	8,600	8,100	57.0	461,700
Clarion	4,700	4,000	38.0	152,000	4,700	4,200	55.0	231,000
Indiana	10,800	9,800	45.0	441,000	10,700	10,100	53.0	535,300
Jefferson	4,700	4,400	39.0	171,600	4,600	4,400	51.0	224,400
Lawrence	5,700	5,400	51.0	275,400	5,700	5,500	59.0	324,500
WEST CENTRAL, TOTAL	**43,000**	**39,900**	**43.4**	**1,731,200**	**43,100**	**40,400**	**54.6**	**2,205,600**
Blair	1,800	1,400	45.0	63,000	2,200	1,600	63.0	100,800
Cambria	9,800	9,400	40.0	376,000	9,600	9,300	62.0	576,600
Centre	7,900	7,400	53.0	392,200	7,700	7,000	63.0	441,000
Clearfield	2,700	2,300	37.0	85,100	2,900	2,400	52.0	124,800
Columbia	6,700	6,300	38.0	239,400	6,400	6,000	57.0	342,000
Dauphin	4,800	4,500	56.0	252,000	4,800	4,500	55.0	247,500
Huntingdon	4,100	3,700	51.0	188,700	4,500	4,000	54.0	216,000
Juniata	4,000	3,600	54.0	194,400	4,000	3,500	50.0	175,000
Mifflin	2,600	2,300	58.0	133,400	2,900	2,400	56.0	134,400
Montour	2,800	2,500	49.0	122,500	2,700	2,400	53.0	127,200
Northumberland	6,700	6,200	59.0	365,800	6,200	5,900	59.0	348,100
Perry	5,400	5,100	65.0	331,500	5,300	5,000	59.0	295,000
Snyder	5,700	5,300	50.0	265,000	5,500	5,100	53.0	270,300
Union	4,600	4,100	56.0	229,600	4,600	4,000	62.0	248,000
CENTRAL, TOTAL	**69,600**	**64,100**	**50.5**	**3,238,600**	**69,300**	**63,100**	**57.8**	**3,646,700**
Carbon	1,900	1,800	48.0	86,400	1,500	1,400	60.0	84,000
Lehigh	6,000	5,800	56.0	324,800	5,900	5,700	57.0	324,900
Luzerne	3,500	3,000	53.0	159,000	3,100	3,000	58.0	174,000
Monroe	1,700	1,700	41.0	69,700	1,600	1,500	66.0	99,000
Northampton	4,400	3,600	57.0	205,200	3,500	3,000	55.0	165,000
Pike	100	100	46.0	4,600	100	100	52.0	5,200
Schuylkill	8,900	8,400	52.0	436,800	8,300	7,900	56.0	442,400
EAST CENTRAL, TOTAL	**26,500**	**24,400**	**52.7**	**1,286,500**	**24,000**	**22,600**	**57.3**	**1,294,500**
Allegheny	1,000	900	51.0	45,900	1,000	900	62.0	55,800
Fayette	2,800	2,400	48.0	115,200	2,800	2,500	53.0	132,500
Greene	400	300	50.0	15,000	400	300	55.0	16,500
Somerset	15,900	14,400	45.0	648,000	15,400	14,300	59.0	843,700
Washington	4,100	3,500	50.0	175,000	4,400	3,800	58.0	220,400
Westmoreland	8,200	8,000	49.0	392,000	8,300	7,700	55.0	423,500
SOUTHWESTERN, TOTAL	**32,400**	**29,500**	**47.2**	**1,391,100**	**32,300**	**29,500**	**57.4**	**1,692,400**
Adams	3,100	2,400	60.0	144,000	2,900	2,300	53.0	121,900
Bedford	6,100	5,300	59.0	312,700	5,800	5,200	57.0	296,400
Cumberland	5,700	5,200	66.0	343,200	6,000	5,400	56.0	302,400
Franklin	5,500	4,600	66.0	303,600	5,200	4,400	60.0	264,000
Fulton	3,300	3,200	57.0	182,400	3,100	2,900	50.0	145,000
York	7,500	6,700	66.0	442,200	7,500	6,900	60.0	414,000
SOUTH CENTRAL, TOTAL	**31,200**	**27,400**	**63.1**	**1,728,100**	**30,500**	**27,100**	**57.0**	**1,543,700**
Berks	9,900	9,000	59.0	531,000	10,600	9,500	56.0	532,000
Bucks	2,000	1,700	63.0	107,100	2,200	1,700	51.0	86,700
Chester	1,800	1,400	65.0	91,000	2,000	1,500	56.0	84,000
Delaware	100	100	58.0	5,800	100	100	54.0	5,400
Lancaster	2,900	2,400	69.0	165,600	2,900	2,300	63.0	144,900
Lebanon	3,400	2,700	64.0	172,800	4,200	2,900	55.0	159,500
Montgomery	1,800	1,400	56.0	78,400	1,800	1,400	60.0	84,000
Philadelphia	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**21,900**	**18,700**	**61.6**	**1,151,700**	**23,800**	**19,400**	**56.5**	**1,096,500**
PENNSYLVANIA	**290,000**	**260,000**	**50.0**	**13,000,000**	**290,000**	**260,000**	**57.0**	**14,820,000**

PENNSYLVANIA: OATS - ACREAGE, YIELD AND PRODUCTION, 1986-1985

County & District	1986				1985			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Bushels	Bushels	Acres	Acres	Bushels	Bushels
Crawford	12,900	11,700	63.0	737,100	14,500	13,700	73.0	1,000,100
Erie	8,700	7,700	60.0	462,000	10,000	9,200	73.0	671,600
Forest	300	300	59.0	17,700	300	300	71.0	21,300
Mercer	10,500	10,000	69.0	690,000	12,000	11,700	75.0	877,500
Venango	2,300	2,300	58.0	133,400	2,700	2,600	68.0	176,800
Warren	2,100	1,400	61.0	85,400	2,100	1,500	69.0	103,500
NORTHWESTERN, TOTAL	**36,800**	**33,400**	**63.6**	**2,125,600**	**41,600**	**39,000**	**73.1**	**2,850,800**
Bradford	9,100	6,900	62.0	427,800	10,200	8,300	68.0	564,400
Cameron	100	100	56.0	5,600	100	100	59.0	5,900
Clinton	1,600	1,500	66.0	99,000	1,600	1,600	64.0	102,400
Elk	700	700	60.0	42,000	900	800	69.0	55,200
Lycoming	6,500	6,100	51.0	311,100	7,300	7,100	69.0	489,900
McKean	500	300	66.0	19,800	500	400	67.0	26,800
Potter	2,400	2,100	69.0	144,900	2,600	2,400	73.0	175,200
Sullivan	800	700	59.0	41,300	900	800	68.0	54,400
Tioga	5,900	4,700	59.0	277,300	6,300	5,600	67.0	375,200
NORTH CENTRAL, TOTAL	**27,600**	**23,100**	**59.3**	**1,368,800**	**30,400**	**27,100**	**68.2**	**1,849,400**
Lackawanna	500	300	62.0	18,600	400	300	62.0	18,600
Susquehanna	1,800	1,400	62.0	86,800	1,900	1,600	66.0	105,600
Wayne	200	100	51.0	5,100	300	200	59.0	11,800
Wyoming	1,200	900	60.0	54,000	1,400	1,200	64.0	76,800
NORTHEASTERN, TOTAL	**3,700**	**2,700**	**60.9**	**164,500**	**4,000**	**3,300**	**64.5**	**212,800**
Armstrong	6,000	5,500	60.0	330,000	6,700	6,500	62.0	403,000
Beaver	2,600	2,400	63.0	151,200	2,700	2,700	70.0	189,000
Butler	8,700	8,300	69.0	572,700	9,700	9,400	76.0	714,400
Clarion	4,700	4,100	59.0	241,900	5,000	4,600	67.0	308,200
Indiana	10,200	9,700	59.0	572,300	11,400	11,000	61.0	671,000
Jefferson	4,100	3,900	64.0	249,600	4,700	4,600	71.0	326,600
Lawrence	5,300	5,100	68.0	346,800	5,500	5,500	76.0	418,000
WEST CENTRAL, TOTAL	**41,600**	**39,000**	**63.2**	**2,464,500**	**45,700**	**44,300**	**68.4**	**3,030,200**
Blair	2,600	1,900	65.0	123,500	3,000	2,400	66.0	158,400
Cambria	8,700	8,600	73.0	627,800	9,900	9,800	71.0	695,800
Centre	7,800	7,100	73.0	518,300	8,600	8,100	76.0	615,600
Clearfield	3,200	2,600	60.0	156,000	3,200	2,800	61.0	170,800
Columbia	7,200	6,900	54.0	372,600	8,300	8,200	72.0	590,400
Dauphin	4,900	4,700	56.0	263,200	5,400	5,400	65.0	351,000
Huntingdon	4,400	3,800	58.0	220,400	4,900	4,500	65.0	292,500
Juniata	4,100	3,600	57.0	205,200	4,500	4,100	65.0	266,500
Mifflin	2,900	2,300	65.0	149,500	3,000	2,400	69.0	165,600
Montour	2,900	2,700	63.0	170,100	3,200	3,200	73.0	233,600
Northumberland	6,800	6,600	64.0	422,400	8,000	7,900	71.0	560,900
Perry	5,100	4,800	66.0	316,800	6,000	5,900	72.0	424,800
Snyder	5,400	4,900	52.0	254,800	6,100	5,900	64.0	377,600
Union	5,100	4,500	64.0	288,000	5,400	5,000	76.0	380,000
CENTRAL, TOTAL	**71,100**	**65,000**	**62.9**	**4,088,600**	**79,500**	**75,600**	**69.9**	**5,283,500**
Carbon	1,400	1,400	57.0	79,800	1,500	1,500	68.0	102,000
Lehigh	6,100	5,800	58.0	336,400	6,700	6,500	73.0	474,500
Luzerne	2,800	2,700	72.0	194,400	3,100	2,900	77.0	223,300
Monroe	2,000	1,800	66.0	118,800	2,100	2,100	73.0	153,300
Northampton	4,000	3,500	68.0	238,000	4,700	4,300	76.0	326,800
Pike	100	100	59.0	5,900	100	100	61.0	6,100
Schuylkill	7,400	7,100	58.0	411,800	8,600	8,300	73.0	605,900
EAST CENTRAL, TOTAL	**23,800**	**22,400**	**61.8**	**1,385,100**	**26,800**	**25,700**	**73.6**	**1,891,900**
Allegheny	1,000	900	63.0	56,700	900	900	65.0	58,500
Fayette	2,800	2,500	62.0	155,000	3,000	2,800	66.0	184,800
Greene	200	200	61.0	12,200	300	200	60.0	12,000
Somerset	15,300	14,100	69.0	972,900	17,000	16,300	69.0	1,124,700
Washington	4,400	3,800	67.0	254,600	4,600	4,300	67.0	288,100
Westmoreland	8,100	7,700	60.0	462,000	8,700	8,500	63.0	535,500
SOUTHWESTERN, TOTAL	**31,800**	**29,200**	**65.5**	**1,913,400**	**34,500**	**33,000**	**66.8**	**2,203,600**
Adams	3,000	2,300	57.0	131,100	3,300	2,800	68.0	190,400
Bedford	6,200	5,600	61.0	341,600	6,800	6,500	63.0	409,500
Cumberland	6,000	5,300	61.0	323,300	6,300	5,900	75.0	442,500
Franklin	4,600	4,000	61.0	244,000	5,100	4,500	72.0	324,000
Fulton	3,200	2,900	54.0	156,600	3,500	3,200	68.0	217,600
York	7,400	6,900	57.0	393,300	8,300	7,900	73.0	576,700
SOUTH CENTRAL, TOTAL	**30,400**	**27,000**	**58.9**	**1,589,900**	**33,300**	**30,800**	**70.2**	**2,160,700**
Berks	9,800	8,600	55.0	473,000	10,800	9,900	70.0	693,000
Bucks	2,600	2,100	47.0	98,700	2,600	2,400	72.0	172,800
Chester	2,200	1,600	57.0	91,200	2,600	2,000	65.0	130,000
Delaware	100	100	55.0	5,500	100	100	60.0	6,000
Lancaster	2,600	1,900	72.0	136,800	2,300	2,100	78.0	163,800
Lebanon	3,900	2,500	60.0	150,000	3,700	2,800	76.0	212,800
Montgomery	2,000	1,400	46.0	64,400	2,100	1,900	73.0	138,700
Philadelphia	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**23,200**	**18,200**	**56.0**	**1,019,600**	**24,200**	**21,200**	**71.6**	**1,517,100**
PENNSYLVANIA	**290,000**	**260,000**	**62.0**	**16,120,000**	**320,000**	**300,000**	**70.0**	**21,000,000**

PENNSYLVANIA: SOYBEANS - ACREAGE, YIELD, PRODUCTION AND VALUE, 1989

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	4,600	4,500	34.0	153,000	849,200
Erie	3,100	3,000	31.0	93,000	516,200
Forest	-	-	-	-	-
Mercer	7,000	6,900	28.0	193,200	1,072,300
Venango	800	800	30.0	24,000	133,200
Warren	-	-	-	-	-
NORTHWESTERN, TOTAL	**15,500**	**15,200**	**30.5**	**463,200**	**2,570,900**
Bradford	200	200	31.0	6,200	34,400
Cameron	-	-	-	-	-
Clinton	2,000	2,000	36.0	72,000	399,600
Elk	-	-	-	-	-
Lycoming	5,200	5,100	37.0	188,700	1,047,300
McKean	-	-	-	-	-
Potter	-	-	-	-	-
Sullivan	-	-	-	-	-
Tioga	900	800	31.0	24,800	137,600
NORTH CENTRAL, TOTAL	**8,300**	**8,100**	**36.0**	**291,700**	**1,618,900**
Lackawanna	-	-	-	-	-
Susquehanna	-	-	-	-	-
Wayne	-	-	-	-	-
Wyoming	-	-	-	-	-
NORTHEASTERN, TOTAL	**-**	**-**	**-**	**-**	**-**
Armstrong	600	600	26.0	15,600	86,600
Beaver	200	200	25.0	5,000	27,800
Butler	1,900	1,900	28.0	53,200	295,300
Clarion	800	800	23.0	18,400	102,100
Indiana	2,600	2,500	29.0	72,500	402,400
Jefferson	100	100	27.0	2,700	15,000
Lawrence	2,100	2,100	26.0	54,600	303,000
WEST CENTRAL, TOTAL	**8,300**	**8,200**	**27.1**	**222,000**	**1,232,200**
Blair	500	500	37.0	18,500	102,700
Cambria	200	200	30.0	6,000	33,300
Centre	3,500	3,400	32.0	108,800	603,800
Clearfield	100	100	30.0	3,000	16,700
Columbia	10,800	10,500	31.0	325,500	1,806,500
Dauphin	8,300	8,200	38.0	311,600	1,729,400
Huntingdon	1,200	1,200	37.0	44,400	246,400
Juniata	3,400	3,300	34.0	112,200	622,700
Mifflin	600	600	32.0	19,200	106,600
Montour	6,600	6,500	30.0	195,000	1,082,300
Northumberland	13,400	13,200	30.0	396,000	2,197,800
Perry	5,400	5,200	31.0	161,200	894,700
Snyder	4,300	4,200	33.0	138,600	769,200
Union	6,600	6,500	35.0	227,500	1,262,600
CENTRAL, TOTAL	**64,900**	**63,600**	**32.5**	**2,067,500**	**11,474,700**
Carbon	900	900	29.0	26,100	144,900
Lehigh	10,500	10,300	33.0	339,900	1,886,400
Luzerne	1,500	1,500	32.0	48,000	266,400
Monroe	2,000	2,000	33.0	66,000	366,300
Northampton	9,400	9,300	35.0	325,500	1,806,500
Pike	-	-	-	-	-
Schuylkill	2,500	2,400	29.0	69,600	386,300
EAST CENTRAL, TOTAL	**26,800**	**26,400**	**33.1**	**875,100**	**4,856,800**
Allegheny	400	400	30.0	12,000	66,600
Fayette	600	600	32.0	19,200	106,600
Greene	-	-	-	-	-
Somerset	1,300	1,300	30.0	39,000	216,500
Washington	-	-	-	-	-
Westmoreland	2,000	1,900	34.0	64,600	358,500
SOUTHWESTERN, TOTAL	**4,300**	**4,200**	**32.1**	**134,800**	**748,200**
Adams	15,700	15,500	35.0	542,500	3,010,900
Bedford	1,300	1,300	37.0	48,100	267,000
Cumberland	4,200	4,100	38.0	155,800	864,700
Franklin	4,400	4,300	34.0	146,200	811,400
Fulton	400	400	32.0	12,800	71,000
York	36,900	36,600	36.0	1,317,600	7,312,700
SOUTH CENTRAL, TOTAL	**62,900**	**62,200**	**35.7**	**2,223,000**	**12,337,700**
Berks	15,500	15,400	35.0	539,000	2,991,500
Bucks	22,900	22,600	30.0	678,000	3,762,900
Chester	22,600	22,000	38.0	836,000	4,639,800
Delaware	500	500	35.0	17,500	97,100
Lancaster	26,900	26,600	37.0	984,200	5,462,400
Lebanon	15,900	15,600	37.0	577,200	3,203,500
Montgomery	14,700	14,400	32.0	460,800	2,557,400
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**119,000**	**117,100**	**35.0**	**4,092,700**	**22,714,600**
PENNSYLVANIA	**310,000**	**305,000**	**34.0**	**10,370,000**	**57,554,000**

PENNSYLVANIA: SOYBEANS - ACREAGE, YIELD AND PRODUCTION, 1988-1987

County & District	1988				1987			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Bushels	Bushels	Acres	Acres	Bushels	Bushels
Crawford	3,600	3,500	29.0	101,500	2,700	2,600	36.0	93,600
Erie	2,700	2,600	29.0	75,400	1,700	1,700	37.0	62,900
Forest	-	-	-	-	-	-	-	-
Mercer	5,600	5,500	28.0	154,000	4,700	4,600	39.0	179,400
Venango	700	700	22.0	15,400	300	300	36.0	10,800
Warren	-	-	-	-	-	-	-	-
NORTHWESTERN, TOTAL	**12,600**	**12,300**	**28.2**	**346,300**	**9,400**	**9,200**	**37.7**	**346,700**
Bradford	200	200	32.0	6,400	200	200	31.0	6,200
Cameron	-	-	-	-	-	-	-	-
Clinton	1,600	1,600	38.0	60,800	1,100	1,100	39.0	42,900
Elk	-	-	-	-	-	-	-	-
Lycoming	3,600	3,500	35.0	122,500	2,600	2,500	35.0	87,500
McKean	-	-	-	-	-	-	-	-
Potter	-	-	-	-	-	-	-	-
Sullivan	-	-	-	-	-	-	-	-
Tioga	800	800	32.0	25,600	800	800	29.0	23,200
NORTH CENTRAL, TOTAL	**6,200**	**6,100**	**35.3**	**215,300**	**4,700**	**4,600**	**34.7**	**159,800**
Lackawanna	-	-	-	-	-	-	-	-
Susquehanna	-	-	-	-	-	-	-	-
Wayne	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
NORTHEASTERN, TOTAL	-	-	-	-	-	-	-	-
Armstrong	600	600	24.0	14,400	500	500	31.0	15,500
Beaver	200	200	31.0	6,200	200	200	39.0	7,800
Butler	1,600	1,600	29.0	46,400	1,200	1,200	38.0	45,600
Clarion	800	800	22.0	17,600	500	500	37.0	18,500
Indiana	2,100	2,100	23.0	48,300	1,100	1,100	36.0	39,600
Jefferson	100	100	25.0	2,500	100	100	30.0	3,000
Lawrence	1,600	1,600	26.0	41,600	1,100	1,100	38.0	41,800
WEST CENTRAL, TOTAL	**7,000**	**7,000**	**25.3**	**177,000**	**4,700**	**4,700**	**36.6**	**171,800**
Blair	500	500	29.0	14,500	200	200	37.0	7,400
Cambria	200	200	29.0	5,800	200	200	31.0	6,200
Centre	2,900	2,800	33.0	92,400	2,300	2,200	39.0	85,800
Clearfield	100	100	31.0	3,100	100	100	30.0	3,000
Columbia	8,600	8,400	31.0	260,400	6,600	6,400	33.0	211,200
Dauphin	7,600	7,400	27.0	199,800	6,700	6,500	30.0	195,000
Huntingdon	800	800	27.0	21,600	500	500	35.0	17,500
Juniata	2,700	2,600	32.0	83,200	2,100	2,000	33.0	66,000
Mifflin	500	500	27.0	13,500	400	400	37.0	14,800
Montour	6,100	6,000	30.0	180,000	4,600	4,500	35.0	157,500
Northumberland	12,200	12,000	30.0	360,000	10,700	10,400	34.0	353,600
Perry	4,100	4,000	34.0	136,000	2,900	2,800	33.0	92,400
Snyder	3,600	3,500	25.0	87,500	3,100	3,000	32.0	96,000
Union	5,500	5,400	37.0	199,800	4,300	4,200	35.0	147,000
CENTRAL, TOTAL	**55,400**	**54,200**	**30.6**	**1,657,600**	**44,700**	**43,400**	**33.5**	**1,453,400**
Carbon	600	600	35.0	21,000	300	300	33.0	9,900
Lehigh	8,200	8,000	36.0	288,000	7,000	6,800	38.0	258,400
Luzerne	1,200	1,200	35.0	42,000	700	700	33.0	23,100
Monroe	1,500	1,500	40.0	60,000	1,000	1,000	38.0	38,000
Northampton	7,900	7,700	40.0	308,000	6,200	6,000	38.0	228,000
Pike	-	-	-	-	-	-	-	-
Schuylkill	1,700	1,700	28.0	47,600	1,600	1,600	28.0	44,800
EAST CENTRAL, TOTAL	**21,100**	**20,700**	**37.0**	**766,600**	**16,800**	**16,400**	**36.7**	**602,200**
Allegheny	400	400	30.0	12,000	200	200	33.0	6,600
Fayette	600	600	24.0	14,400	400	400	32.0	12,800
Greene	-	-	-	-	-	-	-	-
Somerset	1,000	1,000	24.0	24,000	600	600	30.0	18,000
Washington	-	-	-	-	-	-	-	-
Westmoreland	1,500	1,500	23.0	34,500	900	900	30.0	27,000
SOUTHWESTERN, TOTAL	**3,500**	**3,500**	**24.3**	**84,900**	**2,100**	**2,100**	**30.7**	**64,400**
Adams	12,200	12,000	27.0	324,000	7,800	7,600	27.0	205,200
Bedford	1,000	1,000	32.0	32,000	700	700	31.0	21,700
Cumberland	3,300	3,200	24.0	76,800	2,500	2,400	29.0	69,600
Franklin	3,200	3,100	27.0	83,700	2,800	2,700	27.0	72,900
Fulton	300	300	29.0	8,700	100	100	31.0	3,100
York	29,500	28,900	30.0	867,000	20,100	19,600	30.0	588,000
SOUTH CENTRAL, TOTAL	**49,500**	**48,500**	**28.7**	**1,392,200**	**34,000**	**33,100**	**29.0**	**960,500**
Berks	13,200	12,900	36.0	464,400	11,000	10,700	36.0	385,200
Bucks	20,900	20,500	32.0	656,000	14,500	14,000	32.0	448,000
Chester	17,600	17,200	37.0	636,400	15,100	14,700	39.0	573,300
Delaware	400	400	39.0	15,600	200	200	39.0	7,800
Lancaster	19,800	19,400	40.0	776,000	17,800	17,300	37.0	640,100
Lebanon	12,600	12,400	31.0	384,400	9,900	9,600	33.0	316,800
Montgomery	10,200	9,900	27.0	267,300	5,100	5,000	32.0	160,000
Philadelphia	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**94,700**	**92,700**	**34.5**	**3,200,100**	**73,600**	**71,500**	**35.4**	**2,531,200**
PENNSYLVANIA	**250,000**	**245,000**	**32.0**	**7,840,000**	**190,000**	**185,000**	**34.0**	**6,290,000**

PENNSYLVANIA: SOYBEANS - ACREAGE, YIELD AND PRODUCTION, 1986-1985

County & District	1986				1985			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Bushels	Bushels	Acres	Acres	Bushels	Bushels
Crawford	2,600	2,500	29.0	72,500	2,800	2,700	29.0	78,300
Erie	1,600	1,600	33.0	52,800	2,100	2,000	30.0	60,000
Forest	-	-	-	-	-	-	-	-
Mercer	3,900	3,800	31.0	117,800	3,600	3,500	31.0	108,500
Venango	400	400	32.0	12,800	500	500	32.0	16,000
Warren	-	-	-	-	-	-	-	-
NORTHWESTERN, TOTAL	**8,500**	**8,300**	**30.8**	**255,900**	**9,000**	**8,700**	**30.2**	**262,800**
Bradford	200	200	31.0	6,200	200	200	32.0	6,400
Cameron	-	-	-	-	-	-	-	-
Clinton	1,200	1,200	40.0	48,000	1,300	1,300	36.0	46,800
Elk	-	-	-	-	-	-	-	-
Lycoming	3,100	3,000	39.0	117,000	3,700	3,600	36.0	129,600
McKean	-	-	-	-	-	-	-	-
Potter	-	-	-	-	-	-	-	-
Sullivan	-	-	34.0	-	-	-	-	-
Tioga	500	500	31.0	15,500	200	200	30.0	6,000
NORTH CENTRAL, TOTAL	**5,000**	**4,900**	**38.1**	**186,700**	**5,400**	**5,300**	**35.6**	**188,800**
Lackawanna	-	-	-	-	-	-	-	-
Susquehanna	-	-	-	-	-	-	-	-
Wayne	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-
NORTHEASTERN, TOTAL	-	-	-	-	-	-	-	-
Armstrong	500	500	29.0	14,500	500	500	30.0	15,000
Beaver	200	200	35.0	7,000	200	200	34.0	6,800
Butler	1,200	1,200	37.0	44,400	1,300	1,300	39.0	50,700
Clarion	400	400	37.0	14,800	300	300	37.0	11,100
Indiana	1,200	1,200	30.0	36,000	1,400	1,400	29.0	40,600
Jefferson	100	100	32.0	3,200	100	100	31.0	3,100
Lawrence	1,100	1,100	30.0	33,000	1,200	1,200	26.0	31,200
WEST CENTRAL, TOTAL	**4,700**	**4,700**	**32.5**	**152,900**	**5,000**	**5,000**	**31.7**	**158,500**
Blair	200	200	31.0	6,200	100	100	34.0	3,400
Cambria	-	-	29.0	-	-	-	-	-
Centre	2,000	1,900	33.0	62,700	2,100	2,000	32.0	64,000
Clearfield	100	100	35.0	3,500	100	100	35.0	3,500
Columbia	7,200	7,000	32.0	224,000	7,600	7,400	32.0	236,800
Dauphin	6,200	6,000	33.0	198,000	6,200	6,000	30.0	180,000
Huntingdon	300	300	34.0	10,200	200	200	31.0	6,200
Juniata	1,900	1,800	30.0	54,000	2,000	1,900	25.0	47,500
Mifflin	300	300	32.0	9,600	200	200	31.0	6,200
Montour	5,100	5,000	36.0	180,000	6,200	6,000	37.0	222,000
Northumberland	9,700	9,400	39.0	366,600	9,900	9,600	36.0	345,600
Perry	2,600	2,500	36.0	90,000	3,200	3,100	33.0	102,300
Snyder	2,500	2,400	33.0	79,200	2,000	1,900	31.0	58,900
Union	4,100	4,000	34.0	136,000	4,300	4,200	31.0	130,200
CENTRAL, TOTAL	**42,200**	**40,900**	**34.7**	**1,420,000**	**44,100**	**42,700**	**32.9**	**1,406,600**
Carbon	500	500	30.0	15,000	600	600	30.0	18,000
Lehigh	6,200	6,000	36.0	216,000	6,700	6,500	35.0	227,500
Luzerne	800	800	30.0	24,000	1,200	1,200	30.0	36,000
Monroe	800	800	35.0	28,000	1,000	1,000	31.0	31,000
Northampton	5,800	5,600	39.0	218,400	6,000	5,800	41.0	237,800
Pike	-	-	34.0	-	-	-	-	-
Schuylkill	600	600	32.0	19,200	900	900	35.0	31,500
EAST CENTRAL, TOTAL	**14,700**	**14,300**	**36.4**	**520,600**	**16,400**	**16,000**	**36.4**	**581,800**
Allegheny	300	300	30.0	9,000	400	400	29.0	11,600
Fayette	300	300	34.0	10,200	300	300	29.0	8,700
Greene	-	-	-	-	-	-	-	-
Somerset	600	600	32.0	19,200	700	700	29.0	20,300
Washington	-	-	27.0	-	-	-	-	-
Westmoreland	800	800	32.0	25,600	900	900	29.0	26,100
SOUTHWESTERN, TOTAL	**2,000**	**2,000**	**32.0**	**64,000**	**2,300**	**2,300**	**29.0**	**66,700**
Adams	8,400	8,200	32.0	262,400	9,900	9,600	36.0	345,600
Bedford	800	800	27.0	21,600	800	800	27.0	21,600
Cumberland	2,400	2,300	35.0	80,500	2,500	2,400	33.0	79,200
Franklin	2,400	2,300	28.0	64,400	1,600	1,600	30.0	48,000
Fulton	100	100	28.0	2,800	200	200	30.0	6,000
York	18,800	18,300	31.0	567,300	22,000	21,400	34.0	727,600
SOUTH CENTRAL, TOTAL	**32,900**	**32,000**	**31.2**	**999,000**	**37,000**	**36,000**	**34.1**	**1,228,000**
Berks	9,500	9,200	38.0	349,600	7,800	7,600	41.0	311,600
Bucks	16,500	16,000	35.0	560,000	19,700	19,200	33.0	633,600
Chester	13,800	13,400	39.0	522,600	12,700	12,400	41.0	508,400
Delaware	200	200	39.0	7,800	200	200	39.0	7,800
Lancaster	13,800	13,400	37.0	495,800	11,700	11,400	38.0	433,200
Lebanon	9,500	9,200	38.0	349,600	10,500	10,200	36.0	367,200
Montgomery	6,700	6,500	37.0	240,500	8,200	8,000	40.0	320,000
Philadelphia	-	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**70,000**	**67,900**	**37.2**	**2,525,900**	**70,800**	**69,000**	**37.4**	**2,581,600**
PENNSYLVANIA	**180,000**	**175,000**	**35.0**	**6,125,000**	**190,000**	**185,000**	**35.0**	**6,475,000**

POTATO SUMMARY - 1989

By STEVEN P. GUNN

RECORD LOW POTATO ACREAGE: Pennsylvania growers planted a record low 21,000 acres in 1989, down from the 21,500 acres planted in 1988. Harvested acreage was estimated at 20,500 acres, tieing last year's record low. Average yield per acre increased to 230 cwt. per acre, a 50 cwt. improvement over 1988. Total production was 4,715,000 cwt., 28 percent more than the previous year. Acres entered for certified seed potatoes were 243 compared with 284 in 1988. The marketing year average price for the 1989 crop is estimated at $7.60 per cwt. exactly the same as in 1988.

MAJOR VARIETIES: The four major varieties planted in 1989, as measured by the Objective Yield Survey were: Katahdin (19.4 percent), Norchip (15.8 percent), Atlantic (25.2 percent), and Superior (9.0 percent). These four varieties accounted for 69.4 percent of the potatoes planted in 1989.

POTATO STOCKS: Potato stocks for all purposes held in storage during the 1989-90 storage season were lower for the months of January and February, even for December, and higher for March, April and May, from the previous year. Stocks held by processors included potatoes produced in other states. Processor stocks as a percent of total held in storage were: December, 36 percent; January, 40 percent; February, 56 percent; March, 62 percent; April, 45 percent; and May, 12 percent.

PENNSYLVANIA: POTATOES - ACREAGE, YIELD, PRODUCTION, AND VALUE - 1965-1989

Year	Planted	Harvested	Yield	Production	Season Average Price 1/	Value of Production	Value of Sales
	Acres		Cwt.		Dollars		
1965.....	38,000	38,000	198	7,524,000	2.87	21,594,000	19,447,000
1970.....	35,000	34,500	240	8,280,000	2.65	21,942,000	19,528,000
1975.....	31,000	29,000	235	6,815,000	5.75	39,186,000	35,104,000
1980.....	23,000	22,000	190	4,180,000	7.90	33,022,000	29,807,000
1985.....	22,500	22,000	260	5,720,000	4.55	26,026,000	23,296,000
1986.....	22,000	21,500	240	5,160,000	6.80	35,088,000	32,640,000
1987.....	22,000	21,500	220	4,730,000	6.10	28,853,000	25,986,000
1988.....	21,500	20,500	180	3,690,000	7.60	28,044,000	24,396,000
1989.....	21,000	20,500	230	4,715,000	7.60 2/	35,834,000 2/	

1/ Marketing Year Average price beginning in 1986. 2/ Preliminary.

PENNSYLVANIA: POTATO PRODUCTION AND FARM DISPOSITION, CROPS OF 1965-1988 1/

Year	Production	Total Used For Seed	Used On Farms Where Grown		Sold
			For Seed, Feed and Household Use	Shrinkage and Loss	
			(000) Cwt.		
1965.....	7,524	663	282	466	6,776
1970.....	8,280	621	249	662	7,369
1975.....	6,815	522	204	506	6,105
1980.....	4,180	396	135	272	3,773
1985.....	5,720	374	114	486	5,120
1986.....	5,160	418	102	258	4,800
1987.....	4,730	419	140	330	4,260
1988.....	3,690	399	90	390	3,210

1/ 1989 Disposition data is not available until late September, 1990.

PENNSYLVANIA: POTATO PRODUCTION AND STOCKS DURING MARKETING MONTHS, CROPS OF 1965-1989

Year	Production	December 1	Following Year				
			January 1	February 1	March 1	April 1	May 1
			(000) Cwt.				
1965.....	7,524	4,500	3,400	2,350	1,500	-	-
1970.....	8,280	4,650	3,900	2,750	1,800	-	-
1975.....	6,815	3,660	2,780	1,870	1,300	650	-
1980.....	4,180	3,300	2,600	1,900	1,250	900	200
1985.....	5,720	4,025	3,350	2,610	1,840	1,300	610
1986.....	5,160	3,400	2,800	2,100	1,400	1,000	400
1987.....	4,730	3,070	2,400	1,800	1,340	830	380
1988.....	3,690	2,700	2,150	1,500	950	600	200
1989.....	4,715	2,700	2,100	1,400	1,050	800	250

PENNSYLVANIA: POTATOES - ACREAGE, YIELD, PRODUCTION AND VALUE, 1989

County	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Cwt.	Cwt.	Dollars
Adams	160	160	210.0	33,600	255,400
Berks	90	80	220.0	17,600	133,800
Bucks	60	60	200.0	12,000	91,200
Butler	390	380	230.0	87,400	664,200
Cambria	3,360	3,290	200.0	658,000	5,000,800
Carbon	180	170	220.0	37,400	284,200
Chester	350	340	200.0	68,000	516,800
Clarion	210	200	230.0	46,000	349,600
Clinton	80	80	280.0	22,400	170,200
Columbia	370	350	200.0	70,000	532,000
Crawford	380	370	190.0	70,300	534,300
Erie	3,370	3,340	260.0	868,400	6,599,900
Franklin	140	140	250.0	35,000	266,000
Indiana	170	160	210.0	33,600	255,400
Lancaster	1,760	1,730	280.0	484,400	3,681,400
Lehigh	1,420	1,380	210.0	289,800	2,202,500
Luzerne	620	600	230.0	138,000	1,048,800
Lycoming	220	210	270.0	56,700	430,900
Mercer	220	210	220.0	46,200	351,100
Northampton	230	210	210.0	44,100	335,200
Northumberland	90	90	220.0	19,800	150,500
Potter	1,500	1,460	250.0	365,000	2,774,000
Schuylkill	1,580	1,550	220.0	341,000	2,591,600
Somerset	890	860	190.0	163,400	1,241,800
Sullivan	70	70	220.0	15,400	117,000
Warren	270	250	210.0	52,500	399,000
York	1,980	1,920	240.0	460,800	3,502,100
Other Counties	840	840	212.1	178,200	1,354,300
PENNSYLVANIA	21,000	20,500	230.0	4,715,000	35,834,000

PENNSYLVANIA: POTATOES - ACREAGE, YIELD AND PRODUCTION, 1988-1987

County	1988				1987			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Cwt.	Cwt.	Acres	Acres	Cwt.	Cwt.
Adams	180	160	150.0	24,000	180	170	180.0	30,600
Berks	100	100	170.0	17,000	110	100	200.0	20,000
Bucks	70	70	130.0	9,100	90	90	270.0	24,300
Butler	370	350	180.0	63,000	390	380	230.0	87,400
Cambria	3,300	3,170	140.0	443,800	3,350	3,300	190.0	627,000
Carbon	180	170	180.0	30,600	180	180	250.0	45,000
Chester	380	350	150.0	52,500	400	380	200.0	76,000
Clarion	230	220	180.0	39,600	250	230	250.0	57,500
Glinton	100	100	230.0	23,000	120	120	270.0	32,400
Columbia	390	350	190.0	66,500	400	390	240.0	93,600
Crawford	380	360	150.0	54,000	400	390	260.0	101,400
Erie	3,300	3,120	210.0	655,200	3,320	3,250	240.0	780,000
Franklin	140	140	200.0	28,000	150	150	240.0	36,000
Indiana	170	160	190.0	30,400	180	170	210.0	35,700
Lancaster	1,800	1,780	220.0	391,600	1,860	1,830	240.0	439,200
Lehigh	1,510	1,440	140.0	201,600	1,600	1,550	200.0	310,000
Luzerne	640	610	200.0	122,000	680	660	210.0	138,600
Lycoming	210	180	220.0	39,600	200	190	210.0	39,900
Mercer	230	220	170.0	37,400	250	240	260.0	62,400
Northampton	250	240	160.0	38,400	260	250	250.0	62,500
Northumberland	90	90	170.0	15,300	90	90	190.0	17,100
Potter	1,510	1,400	210.0	294,000	1,500	1,460	270.0	394,200
Schuylkill	1,640	1,600	200.0	320,000	1,690	1,660	230.0	381,800
Somerset	900	840	150.0	126,000	900	870	180.0	156,600
Sullivan	80	80	150.0	12,000	90	90	240.0	21,600
Warren	300	270	160.0	43,200	300	280	240.0	67,200
York	2,150	2,040	180.0	367,200	2,150	2,120	190.0	402,800
Other Counties	900	890	162.9	145,000	910	910	207.9	189,200
PENNSYLVANIA	21,500	20,500	180.0	3,690,000	22,000	21,500	220.0	4,730,000

PENNSYLVANIA: POTATOES - ACREAGE, YIELD AND PRODUCTION 1986 - 1985

County	1986				1985			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres	Acres	Cwt.	Cwt.	Acres	Acres	Cwt.	Cwt.
Adams	190	180	260.0	46,800	190	180	270.0	48,600
Berks	110	100	230.0	23,000	100	100	230.0	23,000
Bucks	90	90	210.0	18,900	90	90	220.0	19,800
Butler	360	360	220.0	79,200	340	330	210.0	69,300
Cambria	3,020	2,960	200.0	592,000	2,900	2,850	210.0	598,500
Carbon	190	180	200.0	36,000	190	180	190.0	34,200
Chester	380	370	260.0	96,200	380	370	260.0	96,200
Clarion	240	240	260.0	62,400	250	240	270.0	64,800
Clinton	130	130	290.0	37,700	130	130	300.0	39,000
Columbia	430	420	300.0	126,000	480	470	310.0	145,700
Crawford	410	400	230.0	92,000	410	400	220.0	88,000
Erie	3,540	3,480	230.0	800,400	3,650	3,580	260.0	930,800
Franklin	130	130	270.0	35,100	120	120	260.0	31,200
Indiana	180	180	200.0	36,000	200	190	200.0	38,000
Lancaster	1,780	1,760	280.0	492,800	1,740	1,730	300.0	519,000
Lehigh	1,520	1,490	240.0	357,600	1,490	1,460	280.0	408,800
Luzerne	660	650	270.0	175,500	660	640	280.0	179,200
Lycoming	200	190	240.0	45,600	240	230	260.0	59,800
Mercer	230	220	220.0	48,400	220	210	240.0	50,400
Northampton	310	300	260.0	78,000	340	330	280.0	92,400
Northumberland	130	130	280.0	36,400	170	160	270.0	43,200
Potter	1,620	1,550	270.0	418,500	1,710	1,660	290.0	481,400
Schuylkill	1,620	1,580	280.0	442,400	1,580	1,550	300.0	465,000
Somerset	860	830	200.0	166,000	910	860	220.0	189,200
Sullivan	90	90	220.0	19,800	80	80	240.0	19,200
Warren	310	290	190.0	55,100	330	310	190.0	58,900
York	2,220	2,160	230.0	496,800	2,320	2,270	270.0	612,900
Other Counties	1050	1040	301.4	245,400	1280	1280	191.7	313,500
PENNSYLVANIA	22,000	21,500	240.0	5,160,000	22,500	22,000	260.0	5,720,000

PENNSYLVANIA: ALL TOBACCO - ACREAGE, YIELD, PRODUCTION AND VALUE, 1989

County	Harvested	Yield	Production	Value of Production
	Acres	Pounds	Pounds	Dollars
Berks	120	1,883	226,000	291,900
Centre	20	1,930	38,600	49,000
Chester	260	1,979	514,600	668,300
Clinton	10	1,960	19,600	24,900
Cumberland	20	1,900	38,000	48,300
Dauphin	10	1,910	19,100	24,300
Franklin	10	1,920	19,200	24,400
Lancaster	8,640	1,882	16,260,000	22,555,600
Lebanon	230	1,943	447,000	577,200
Lycoming	10	2,000	20,000	25,400
Montour	20	1,930	38,600	49,000
Northumberland	20	1,950	39,000	49,500
Snyder	50	1,834	91,700	121,300
Union	10	1,780	17,800	27,400
York	70	1,940	135,800	172,500
PENNSYLVANIA	9,500	1,887	17,925,000	24,709,000

PENNSYLVANIA: TOBACCO ACREAGE, YIELD, PRODUCTION AND VALUE, 1965-1989

Crop Year	Harvested	Yield	Production	Value of Production
	Acres	Pounds	(000) Pounds	(000) Dollars
1965	27,000	1,900	51,300	12,312
1970	17,000	1,800	30,600	9,486
1975	12,000	1,650	19,800	11,484
1978	13,000	1,940	25,220	15,636
1979	11,200	1,580	17,696	12,741
1980	13,000	1,900	24,700	21,489
1981	13,300	2,050	27,265	21,812
1982 1/	13,000	1,991	25,885	20,466
1983	12,000	1,832	21,985	20,724
1984	12,000	1,864	22,370	20,984
1985	11,500	1,904	21,900	18,321
1986	10,000	1,983	19,830	13,353
1987	10,000	1,880	18,800	14,572
1988	9,500	1,913	18,175	20,780
1989 Total	9,500	1,887	17,925	24,709
Pennsylvania Type	5,500	1,950	10,725	13,621
Maryland Type	4,000	1,800	7,200	11,088

1/ Beginning in 1982 includes Pennsylvania and Maryland Types.

PENNSYLVANIA: TOBACCO PRODUCTION, STOCKS, SUPPLIES, DISAPPEARANCE AND PRICES 1965-1989 1/

Crop Year	Supply				Average Price
	Production	Beginning Stocks	Total Supply	Total Disappearance	
	Million Pounds				
1965	51.3	129.4	180.7	53.0	24.0
1970	30.6	97.3	127.9	40.9	31.0
1975	19.8	49.2	69.0	22.2	58.0
1978	25.2	54.1	79.3	23.6	62.0
1979	17.7	55.7	73.4	24.3	72.0
1980	24.7	49.1	73.8	21.7	87.0
1981	27.3	52.1	79.4	27.1	80.0
1982	21.4	52.3	73.7	19.6	73.0
1983	14.2	54.1	68.3	20.3	83.0
1984	14.6	48.0	62.6	20.1	90.0
1985	15.6	42.5	58.1	16.4	71.0
1986	15.2	41.7	56.9	24.8	66.0
1987	13.3	32.1	45.4	20.3	72.0
1988	11.7	25.1	36.8	17.0	102.0
1989	10.7	24.3	35.0	-	127.0

1/ Pennsylvania type 41 only. Source: USDA, Agricultural Marketing Service and Economic Research Service.

PENNSYLVANIA: TOBACCO - ACREAGE, YIELD AND PRODUCTION, 1988-1987

County	1988			1987		
	Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Pounds	Pounds	Acres	Pounds	Pounds
Berks	120	1,907	228,800	120	1,833	220,000
Centre	30	1,900	57,000	30	1,850	55,500
Chester	290	2,017	584,800	310	1,810	561,100
Clinton	10	1,920	19,200	20	1,910	38,200
Cumberland	10	1,800	18,000	20	1,835	36,700
Dauphin	10	1,820	18,200	10	1,810	18,100
Franklin	10	1,860	18,600	10	1,810	18,100
Lancaster	8,580	1,910	16,392,000	9,000	1,884	16,957,200
Lebanon	260	1,947	506,200	280	1,852	518,500
Lycoming	10	2,020	20,200	10	1,890	18,900
Montour	20	1,910	38,200	20	1,870	37,400
Northumberland	20	1,940	38,800	30	1,900	57,000
Snyder	50	1,816	90,800	50	1,848	92,400
Union	10	1,820	18,200	10	1,890	18,900
York	70	1,800	126,000	80	1,900	152,000
PENNSYLVANIA	9,500	1,913	18,175,000	10,000	1,880	18,800,000

PENNSYLVANIA: TOBACCO - ACREAGE, YIELD AND PRODUCTION, 1986-1985

County	1986			1985		
	Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Pounds	Pounds	Acres	Pounds	Pounds
Berks	150	1,939	290,900	180	1,850	333,000
Centre	20	1,980	39,600	10	1,870	18,700
Chester	270	1,921	518,800	270	2,000	540,000
Clinton	10	2,010	20,100	10	1,870	18,700
Cumberland	30	1,920	57,600	40	1,840	73,600
Dauphin	10	1,990	19,900	30	2,040	61,200
Franklin	10	1,930	19,300	20	1,980	39,600
Lancaster	9,010	1,988	17,912,100	10,400	1,902	19,780,800
Lebanon	290	1,914	555,100	320	1,920	614,400
Lycoming	10	2,010	20,100	10	1,940	19,400
Montour	20	1,995	39,900	30	1,960	58,800
Northumberland	20	2,090	41,800	10	1,930	19,300
Snyder	50	1,970	98,500	50	1,770	88,500
Union	10	1,990	19,900	20	1,800	36,000
York	90	1,960	176,400	100	1,980	198,000
PENNSYLVANIA	10,000	1,983	19,830,000	11,500	1,904	21,900,000

PENNSYLVANIA: SUMMARY - PRINCIPAL CROPS, HARVESTED BY COUNTIES, 1989

County & District	Field & Forge Crops		All Vegetable Crops		Fruit	Value of Production Principle Crops
	Acres Harvested	Value of Production	Acres Harvested	Value of Production	Value of Production	
		(000) Dols.			(000) Dols.	
Crawford	108,100	23,176	678	1,014	35	24,224
Erie	71,700	15,619	4,646	9,930	13,129	38,678
Forest	2,000	417	2	18	-	435
Mercer	85,000	17,197	602	1,195	85	18,477
Venango	23,100	4,657	94	222	57	4,936
Warren	25,300	6,082	343	525	-	6,607
NORTHWESTERN, TOTAL	**315,200**	**67,147**	**6,365**	**12,904**	**13,306**	**93,356**
Bradford	162,600	36,225	255	302	123	36,650
Cameron	1,000	207	3	18	-	225
Clinton	26,710	5,692	441	1,319	-	7,011
Elk	6,600	1,204	27	39	1	1,244
Lycoming	73,710	16,635	513	955	454	18,044
McKean	11,300	2,038	26	30	-	2,068
Potter	30,700	6,348	1,617	2,965	-	9,313
Sullivan	15,300	3,394	71	134	-	3,528
Tioga	94,800	20,329	80	109	168	20,605
NORTH CENTRAL, TOTAL	**422,720**	**92,073**	**3,034**	**5,871**	**746**	**98,690**
Lackawanna	17,700	3,771	1,309	4,462	1	8,233
Susquehanna	69,300	15,099	106	189	58	15,347
Wayne	45,600	9,134	57	70	145	9,349
Wyoming	25,800	5,488	192	522	2	6,011
NORTHEASTERN, TOTAL	**158,400**	**33,492**	**1,664**	**5,243**	**206**	**38,941**
Armstrong	59,100	11,585	194	291	174	12,050
Beaver	29,200	6,086	299	485	236	6,807
Butler	73,800	16,248	1,203	2,177	3	18,428
Clarion	42,900	8,216	304	476	79	8,771
Indiana	84,600	19,481	714	2,077	130	21,688
Jefferson	41,200	7,039	159	237	-	7,276
Lawrence	53,000	12,174	223	275	196	12,645
WEST CENTRAL, TOTAL	**383,800**	**80,830**	**3,096**	**6,019**	**818**	**87,666**
Blair	55,400	14,985	316	553	1,039	16,577
Cambria	34,200	6,957	3,377	5,112	43	12,112
Centre	81,620	19,309	1,892	1,569	362	21,240
Clearfield	25,500	4,778	86	135	68	4,981
Columbia	62,900	13,539	2,170	3,144	645	17,329
Dauphin	70,110	16,271	396	1,216	581	18,068
Huntingdon	59,900	15,072	86	215	44	15,331
Juniata	52,800	12,285	105	163	918	13,366
Mifflin	48,100	13,542	67	136	178	13,856
Montour	28,920	6,267	404	776	78	7,122
Northumberland	75,420	16,302	1,862	2,867	454	19,622
Perry	63,400	13,861	107	161	132	14,155
Snyder	51,250	11,805	643	1,481	1,345	14,631
Union	49,210	11,300	233	588	54	11,942
CENTRAL, TOTAL	**758,730**	**176,272**	**11,744**	**18,116**	**5,943**	**200,331**
Carbon	10,500	1,807	302	411	3	2,221
Lehigh	67,800	14,003	1,894	3,085	3,769	20,857
Luzerne	26,700	5,118	2,211	6,045	229	11,392
Monroe	14,500	2,900	154	243	17	3,160
Northampton	69,100	16,901	651	1,131	890	18,922
Pike	1,600	354	89	146	-	500
Schuylkill	53,700	11,480	2,566	5,306	662	17,448
EAST CENTRAL, TOTAL	**243,900**	**52,563**	**7,869**	**16,367**	**5,571**	**74,501**
Allegheny	11,200	2,412	494	997	1,344	4,754
Fayette	44,100	9,431	304	293	1	9,724
Greene	36,000	6,908	70	90	1	6,999
Somerset	100,200	21,453	1,131	1,674	51	23,178
Washington	79,400	15,567	639	1,262	475	17,304
Westmoreland	82,700	17,677	601	848	89	18,614
SOUTHWESTERN, TOTAL	**353,600**	**73,448**	**3,240**	**5,164**	**1,961**	**80,573**
Adams	104,000	22,918	537	756	21,898	45,571
Bedford	96,800	22,865	141	213	870	23,948
Cumberland	112,920	30,961	517	896	1,025	32,882
Franklin	159,610	43,288	414	747	7,575	51,610
Fulton	40,600	8,913	21	36	-	8,949
York	189,670	44,226	5,130	6,912	3,109	54,246
SOUTH CENTRAL, TOTAL	**703,600**	**173,172**	**6,760**	**9,559**	**34,477**	**217,208**
Berks	184,720	45,698	854	1,083	2,030	48,811
Bucks	64,000	12,704	2,013	5,869	321	18,894
Chester	127,560	35,994	721	1,162	570	37,726
Delaware	3,200	818	80	149	115	1,082
Lancaster	299,840	117,538	4,377	9,939	1,831	129,308
Lebanon	93,330	26,128	475	1,009	244	27,381
Montgomery	46,900	9,649	511	596	147	10,392
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**819,550**	**248,530**	**9,029**	**19,807**	**5,258**	**273,594**
PENNSYLVANIA	**4,159,500**	**997,527**	**52,800**	**99,050**	**68,285**	**1,164,861**

CROP AND WEATHER SUMMARY - DATES OF FIRST AND LAST FROST, SELECTED PENNSYLVANIA STATIONS, 1989 AND NORMAL

Area & Station	County	Last Spring Minimum Of 32° F.			First Fall Minimum Of 32° F.		
		1989		Normal	1989		Normal
		Date	Low Temp.	Date	Date	Low Temp.	Date
Pocono Mountains:							
Stroudsburg	Monroe	May 04	32	May 09	September 28	31	September 29
East Central Mountains:							
Allentown	Lehigh	Apr 1 24	31	May 05	October 10	32	October 09
South East Piedmont:							
Lancaster	Lancaster	April 24	29	May 03	October 10	32	October 10
Lower Susquehanna:							
York	York	April 24	27	April 30	October 08	32	October 09
Middle Susquehanna:							
Williamsport	Lycoming	April 24	28	May 02	October 10	32	October 11
Upper Susquehanna:							
Montrose	Susquehanna	May 08	32	May 15	September 28	32	October 03
Wellsboro	Tioga	May 04	32	May 22	September 28	32	September 25
Central Mountains:							
Ridgway	Elk	May 29	32	May 26	September 28	31	September 24
State College	Centre	April 24	25	April 27	October 10	32	October 12
South Central Mountains:							
Altoona	Blair	April 24	29	May 08	October 10	30	October 08
Ebensburg	Cambria	May 07	32	May 15	September 24	32	October 03
South West Plateau:							
Butler	Butler	May 04	31	May 18	October 23	28	October 02
Donora	Washington	May 04	27	April 21	October 05	32	October 28
Uniontown	Fayette	May 26	32	April 29	September 29	32	October 15
North West Plateau:							
Brookville	Jefferson	May 05	30	May 25	September 25	31	September 23
Corry	Erie	May 28	32	May 24	September 25	32	September 25
Franklin	Venango	April 25	27	May 13	October 23	31	October 06

PENNSYLVANIA - FIELDWORK AND CROP DEVELOPMENT, SELECTED DATES 1986-1989
Data As Reported - Pennsylvania Weekly Crop and Weather Survey State Average

Date	Oats % Planted				Barley % In Boot				Wheat % In Boot			
	1986	1987	1988	1989	1986	1987	1988	1989	1986	1987	1988	1989
April 20	55	49	57	36	-	-	4	1	-	-	2	-
25	68	64	68	49	-	5	5	3	-	3	3	1
30	80	73	76	65	7	20	8	6	2	8	4	2
May 05	88	80	82	74	12	28	12	15	4	14	5	9
10	91	87	88	79	20	26	20	22	9	21	12	16
15	96	93	93	82	30	20	31	26	26	31	25	24
20	99	96	96	85	35	16	27	27	39	35	46	34
25	-	97	-	90	31	12	22	19	42	32	46	39
30	-	99	-	94	20	12	15	11	28	28	36	36

Date	Spring Plowing % Complete				Potatoes % Planted				Corn % Planted			
	1986	1987	1988	1989	1986	1987	1988	1989	1986	1987	1988	1989
April 20	57	38	51	31	14	27	34	11	5	4	6	2
25	60	56	62	43	23	41	44	17	8	8	8	4
30	68	64	70	59	36	53	56	28	12	13	13	7
May 05	78	72	76	65	52	61	60	41	22	21	20	13
10	84	80	80	70	66	67	67	49	40	34	30	16
15	89	87	85	73	78	77	76	54	59	51	42	17
20	93	90	88	76	85	81	80	56	73	66	52	19
25	95	91	91	81	89	83	82	61	81	76	58	29
30	98	93	93	86	94	87	84	68	88	81	66	42
June 05	-	96	97	91	-	92	94	82	94	90	85	57

Date		Oats % In Head				Barley & Turning Yellow				Corn Average Height - Inches			
		1986	1987	1988	1989	1986	1987	1988	1989	1986	1987	1988	1989
June	10.....	99	90	-	87	36	37	34	25	9	8	6	3
	15.....	100	95	96	96	45	43	40	45	12	11	8	5
	20.....	100	88	94	99	36	33	35	53	17	14	9	7
	25.....	92	82	91	100	32	24	36	44	22	20	11	9
	30.....	76	74	80	96	30	17	26	36	27	26	15	12
July	05.....	50	57	58	87	22	15	18	27	33	33	18	16
	10.....	37	44	45	74	16	13	15	18	40	43	21	22
	15.....	28	33	33	62	10	10	15	16	47	53	22	28
	20.....	17	24	24	42	3	8	14	11	55	60	25	36
	25.....	10	11	17	26	-	6	11	6	61	68	34	44
	30.....	-	4	6	17	-	3	5	3	67	73	45	53

Date		Oats % Harvested				Tobacco % Harvested				Corn % In Silk Or Past			
		1986	1987	1988	1989	1986	1987	1988	1989	1986	1987	1988	1989
July	25.....	18	28	18	3	-	-	-	-	40	57	14	10
	30.....	34	41	31	12	-	-	-	-	59	71	35	20
Aug.	05.....	56	61	55	37	-	-	-	-	80	83	54	35
	10.....	78	82	72	52	-	4	4	1	92	90	70	47
	15.....	86	87	82	65	-	12	12	4	98	94	81	59
	20.....	92	92	92	75	16	23	18	10	-	98	88	75
	25.....	96	96	93	85	34	36	26	22	-	-	92	83
	30.....	99	98	96	92	50	50	33	34	-	-	96	88
Sep.	05.....	-	-	98	96	58	64	36	53	-	-	98	92
	10.....	-	-	-	99	70	72	49	67	-	-	99	97
	15.....	-	-	-	-	86	78	64	76	-	-	-	99
	20.....	-	-	-	-	96	85	80	84	-	-	-	-
	25.....	-	-	-	-	-	95	88	92	-	-	-	-

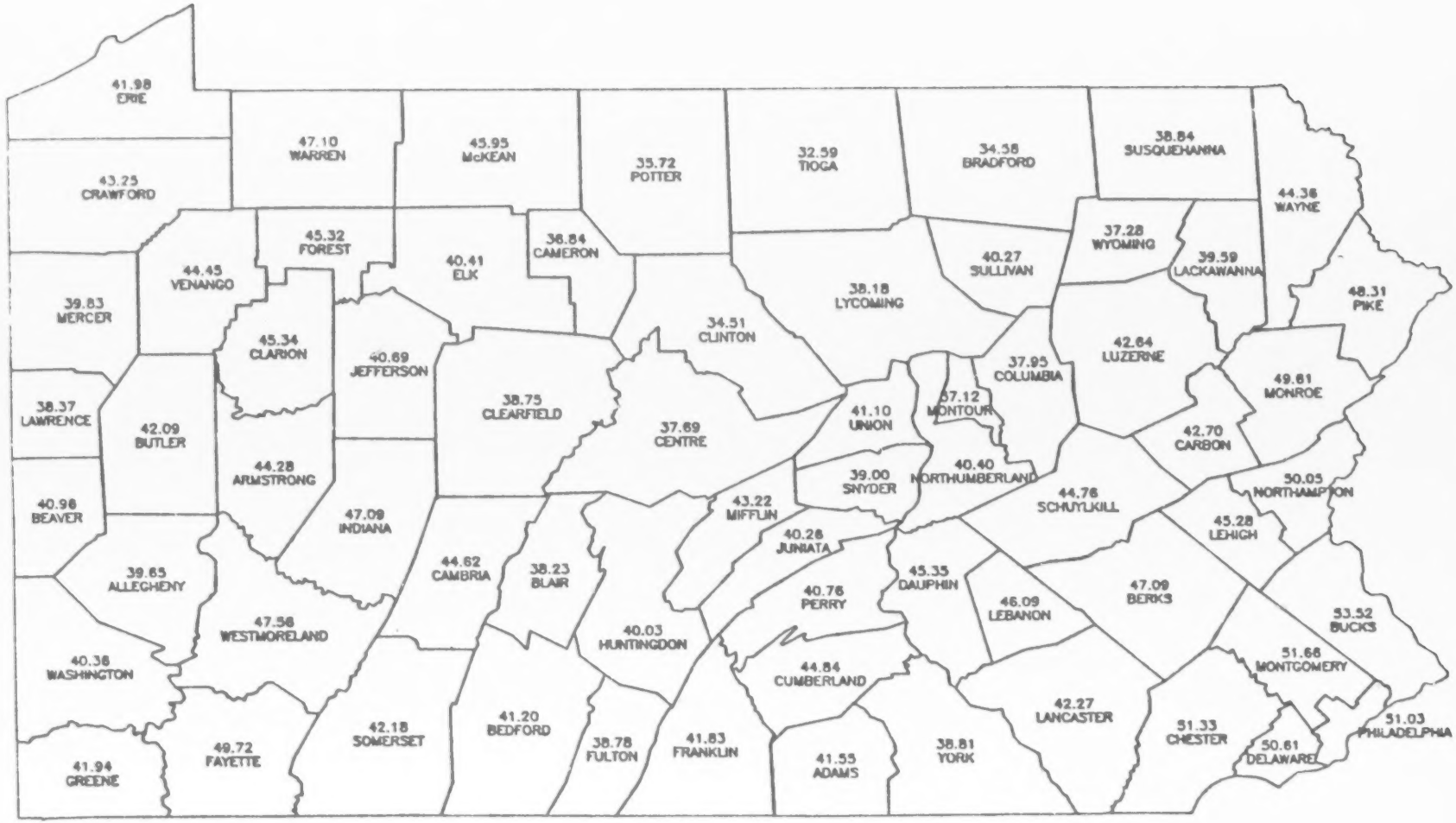
Date		Fall Plowing % Complete				Potatoes % Harvested				Corn % In Dough Or Past			
		1986	1987	1988	1989	1986	1987	1988	1989	1986	1987	1988	1989
Aug.	10.....	-	11	10	6	20	14	8	16	27	41	10	6
	15.....	11	14	14	9	28	20	14	22	52	60	16	13
	20.....	20	21	16	13	36	25	23	23	70	70	35	24
	25.....	29	29	20	19	42	29	26	27	80	79	58	30
	30.....	33	33	24	23	45	33	27	30	86	87	62	39
Sep.	05.....	40	37	32	29	56	39	30	38	94	94	72	53
	10.....	52	40	39	38	66	45	36	50	98	98	80	68
	15.....	60	44	42	39	74	48	40	51	-	-	88	74
	20.....	64	48	46	44	78	50	44	54	-	-	92	81
	25.....	68	54	50	51	80	60	46	59	-	-	96	88
	30.....	74	61	58	58	82	66	52	71	-	-	-	93
Oct.	05.....	82	68	66	63	85	71	58	75	-	-	98	97
	10.....	84	74	72	67	87	76	72	77	-	-	-	-
	15.....	88	82	78	71	90	78	82	83	-	-	-	-

Date		Wheat % Planted				Barley % Planted				Corn % Harvested			
		1986	1987	1988	1989	1986	1987	1988	1989	1986	1987	1988	1989
Sep.	10.....	24	24	8	22	21	27	10	20	-	1	-	-
	15.....	31	26	11	23	25	32	18	21	-	2	-	-
	20.....	34	28	16	25	29	42	26	26	2	4	-	-
	25.....	38	30	27	27	46	44	33	33	6	5	1	-
	30.....	44	34	32	32	64	54	44	42	10	8	4	2
Oct.	05.....	54	41	44	39	79	70	60	57	13	11	5	3
	10.....	66	56	58	58	88	84	77	71	17	19	9	6
	15.....	76	64	70	72	92	88	86	85	21	25	15	11
	20.....	83	73	80	81	94	91	93	91	26	31	20	19
	25.....	89	85	88	85	-	94	96	95	39	39	25	24
	30.....	95	89	92	87	-	96	97	97	47	50	29	28
Nov.	05.....	-	92	94	95	-	-	99	-	57	61	45	40
	10.....	-	95	95	99	-	-	-	-	66	70	51	46

PENNSYLVANIA: TEMPERATURE, PRECIPITATION AND SNOWFALL, 1989, BY NATIONAL WEATHER SERVICE

Division	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
POCONO MOUNTAINS:												
Av. Temp.--Degrees.....	28.10	24.60	34.10	42.60	55.30	64.00	67.70	65.50	60.40	50.20	37.70	15.10
Departure From Normal.....	4.80	-0.20	0.30	-3.50	-1.00	-0.90	-1.60	-2.30	-0.20	0.30	-1.40	-12.70
Precip. - Inches.....	1.46	1.94	2.67	1.51	9.17	7.61	2.90	3.80	5.67	5.05	3.08	0.92
Departure From Normal.....	-1.61	-0.78	-0.82	-2.29	5.40	3.76	-1.00	-0.40	1.67	1.51	-0.70	-2.53
Snowfall - Inches.....	3.60	4.20	3.80	0.10	0.00	0.00	0.00	0.00	0.00	0.00	3.00	8.50
EAST CENTRAL MOUNTAINS:												
Av. Temp.--Degrees.....	33.60	30.80	38.60	48.20	58.00	69.30	72.40	70.40	64.40	54.40	41.10	20.80
Departure From Normal.....	7.30	2.80	1.50	-0.60	-0.70	1.70	0.20	-0.10	1.10	2.30	-0.30	-9.80
Precip. - Inches.....	1.40	2.18	2.92	1.43	9.97	6.11	4.41	2.20	5.27	4.82	2.56	1.31
Departure From Normal.....	-1.88	-0.66	-0.88	-2.45	6.11	2.38	0.05	-2.22	1.10	1.39	-1.32	-2.33
Snowfall - Inches.....	3.90	2.80	5.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	7.30
SOUTHEAST PIEDMONT:												
Av. Temp.--Degrees.....	33.80	31.70	39.50	49.10	59.90	71.50	73.80	72.20	66.40	55.80	42.80	22.40
Departure From Normal.....	3.90	-0.10	-1.10	-2.70	-1.60	1.10	-1.10	-1.30	-0.20	0.60	-1.70	-11.60
Precip. - Inches.....	2.41	2.75	3.74	1.86	9.35	6.17	7.70	2.36	5.11	4.31	2.26	0.85
Departure From Normal.....	-0.84	-0.03	-0.03	-1.87	5.74	2.32	3.54	-1.75	1.32	1.23	-1.28	-2.69
Snowfall - Inches.....	6.80	1.40	4.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.80	6.20
LOWER SUSQUEHANNA:												
Av. Temp.--Degrees.....	34.10	32.20	39.30	48.90	58.90	70.80	73.10	71.50	64.80	54.60	42.10	21.60
Departure From Normal.....	5.00	1.20	-0.90	-2.80	2.40	0.80	-1.30	-1.60	-1.30	0.30	-1.30	-11.40
Precip. - Inches.....	2.34	1.98	4.16	1.30	8.58	5.35	7.25	1.79	2.25	4.88	2.56	1.28
Departure From Normal.....	-0.62	-0.67	0.46	-2.30	4.94	1.38	3.90	-1.80	-1.41	1.90	-0.64	-1.91
Snowfall - Inches.....	6.40	0.80	7.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	6.90
MIDDLE SUSQUEHANNA:												
Av. Temp.--Degrees.....	31.40	29.30	37.40	47.20	57.40	68.50	72.10	69.80	63.30	53.20	39.90	19.70
Departure From Normal.....	5.10	1.30	0.10	-2.00	-1.60	0.70	0.00	-0.80	-0.20	1.20	-1.30	-10.70
Precip. - Inches.....	2.10	1.88	3.28	0.86	7.38	5.74	6.47	2.43	3.29	4.68	2.30	0.58
Departure From Normal.....	-0.61	-0.61	-0.13	-2.49	3.60	1.81	2.77	-1.12	-0.42	1.58	-1.08	-2.41
Snowfall - Inches.....	4.30	0.90	5.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	6.40
UPPER SUSQUEHANNA:												
Av. Temp.--Degrees.....	27.40	24.00	33.40	41.50	54.10	65.30	68.70	65.90	59.80	50.30	36.90	14.30
Departure From Normal.....	5.00	0.60	0.90	-3.30	-0.90	1.50	0.50	-0.60	0.30	1.50	-1.40	-12.60
Precip. - Inches.....	1.27	1.77	3.62	1.49	7.82	6.58	3.26	2.09	4.16	3.73	2.49	0.74
Departure From Normal.....	-1.16	-0.47	0.72	-1.59	4.35	2.98	-0.25	-1.35	0.62	0.72	-0.64	-1.97
Snowfall - Inches.....	4.40	7.30	4.30	0.60	0.30	0.00	0.00	0.00	0.00	0.00	3.00	15.20
CENTRAL MOUNTAINS:												
Av. Temp.--Degrees.....	29.30	26.00	35.50	43.90	54.60	66.20	70.30	67.10	61.30	50.70	37.50	16.60
Departure From Normal.....	5.80	1.10	1.30	-2.30	-1.70	1.40	1.40	-0.40	0.60	1.20	-1.30	-11.30
Precip. - Inches.....	1.64	2.24	4.22	1.27	6.93	7.70	3.52	1.47	3.74	3.24	3.03	1.05
Departure From Normal.....	-0.96	-0.19	0.79	-2.11	3.15	3.66	-0.55	-2.27	0.25	0.34	-0.03	-1.71
Snowfall - Inches.....	5.50	5.40	5.40	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.20	12.20
SOUTH CENTRAL MOUNTAINS:												
Av. Temp.--Degrees.....	32.40	28.70	37.00	45.60	56.30	67.80	71.60	68.90	62.30	52.30	38.90	18.40
Departure From Normal.....	5.50	0.20	-0.50	-3.70	-2.50	0.80	0.60	-0.90	-0.90	0.50	-2.40	-12.50
Precip. - Inches.....	2.62	2.85	5.50	1.53	6.63	6.74	7.30	1.43	3.30	3.65	2.38	1.28
Departure From Normal.....	-0.34	0.19	1.74	-2.19	2.82	2.80	3.21	-2.09	0.05	0.74	-0.67	-1.70
Snowfall - Inches.....	7.50	3.60	11.40	1.00	0.00	0.00	0.00	0.00	0.00	0.00	3.40	19.60
SOUTHWEST PLATEAU:												
Av. Temp.--Degrees.....	33.60	27.50	39.10	44.80	55.70	67.30	71.80	68.90	62.60	52.00	39.40	17.70
Departure From Normal.....	6.90	-1.10	1.20	-4.50	-3.20	0.20	0.90	-0.90	-0.80	0.00	-2.10	-13.80
Precip. - Inches.....	2.63	3.94	5.85	2.09	6.57	7.24	3.42	2.03	4.69	3.08	2.53	1.92
Departure From Normal.....	-0.41	1.34	2.20	-1.66	2.60	3.17	-0.81	-1.84	1.34	0.25	-0.24	-1.01
Snowfall - Inches.....	5.60	6.20	5.10	0.90	0.20	0.00	0.00	0.00	0.00	0.10	3.10	18.10
NORTHWEST PLATEAU:												
Av. Temp.--Degrees.....	29.50	23.60	35.40	42.00	53.90	65.10	69.60	66.60	60.10	50.10	36.80	15.70
Departure From Normal.....	5.90	-1.40	1.20	-4.10	-2.30	0.20	0.90	-0.90	-0.90	-0.10	-2.60	-12.80
Precip. - Inches.....	2.00	2.26	3.55	2.24	7.44	8.93	2.56	2.51	4.82	3.08	3.49	2.09
Departure From Normal.....	-0.88	-0.20	0.17	-1.47	3.69	4.70	-1.57	-1.39	1.20	-0.14	0.05	-1.14
Snowfall - Inches.....	6.70	11.40	5.30	4.70	1.70	0.00	0.00	0.00	0.00	0.20	9.30	33.40

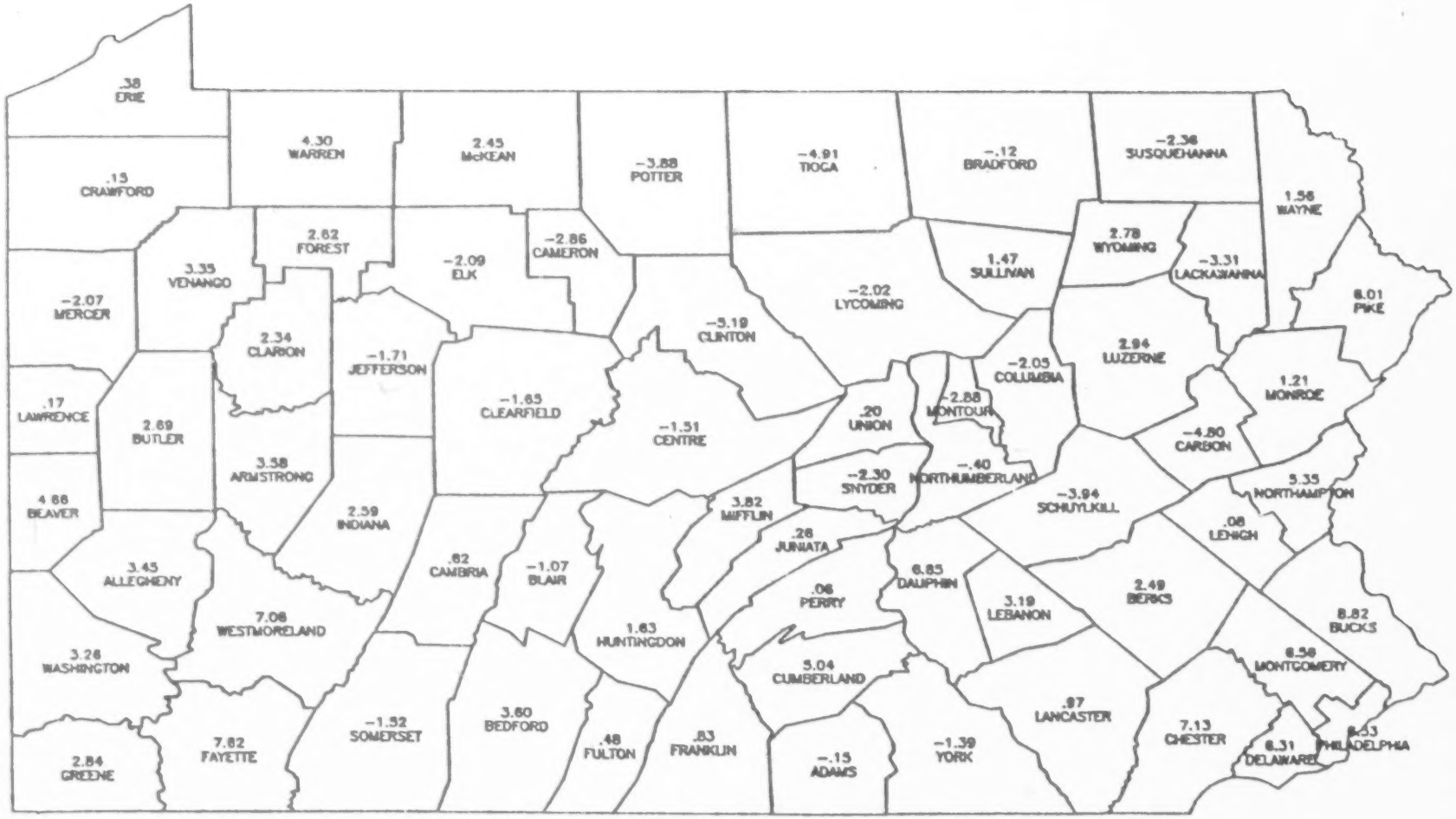
NATIONAL WEATHER SERVICE
MIDDLE ATLANTIC RIVER FORECAST CENTER
AVERAGE COUNTY PRECIP FOR THE PERIOD 1/1/89 TO 12/31/89



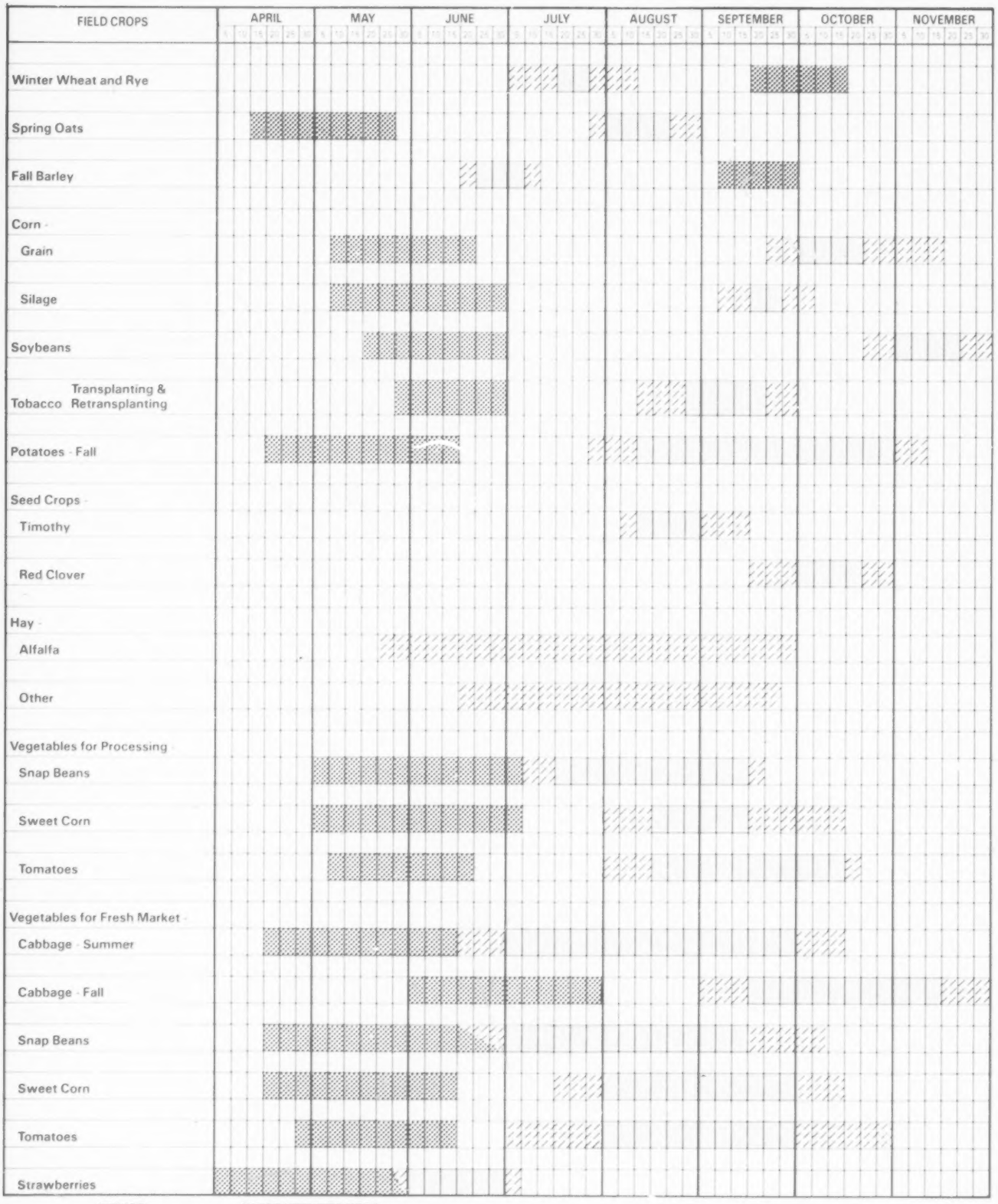
NATIONAL WEATHER SERVICE

MIDDLE ATLANTIC RIVER FORECAST CENTER

DEVIATION FROM NORMAL PRECIP FOR THE PERIOD 1/1/89 TO 12/31/89



USUAL PLANTING AND HARVESTING DATES FOR PRINCIPAL PENNSYLVANIA FIELD AND VEGETABLE CROPS



FRUIT REVIEW - 1989

By HERBERT D. TRICE

During the 1989 growing season, Pennsylvania fruit crops experienced poor weather conditions. The average date of full bloom for various fruit crops was: apples, May 7; peaches, April 24; pears, May 2; sweet cherries, April 26; tart cherries, April 30, and grapes June 24. Prospective crop yields were reduced by unusual amounts of severe weather conditions. During the spring, weather changed from very dry to cold and then to extremely wet. Insect and disease problems were minimal to none.

The Commonwealth's six major fruit crops, comprised of apples, peaches, pears, sweet cherries, tart cherries, and grapes, utilized production totaled 261,400 tons in 1989. Utilized production is down 30 percent from the 371,000 tons utilized in 1988.

APPLES: The 1989 commercial apple crop in Pennsylvania totaled 320 million pounds, 38 percent less than 1988's 520 million pounds. The crop was valued at 34.2 million dollars, down 28 percent from the 1988 value. Pennsylvania ranked fifth nationally in apple production.

PEACHES: Peach production in Pennsylvania totaled 65.0 million pounds in 1989, 13 percent less than the 1988 crop. The season average prices was 25.8 cents per pound compared to 19.6 cents per pound in 1988. The value of the Commonwealth's utilized peach production rose from 14.7 million dollars in 1988 to 16.8 million dollars in 1989. Nationally, Pennsylvania ranked fourth in peach production.

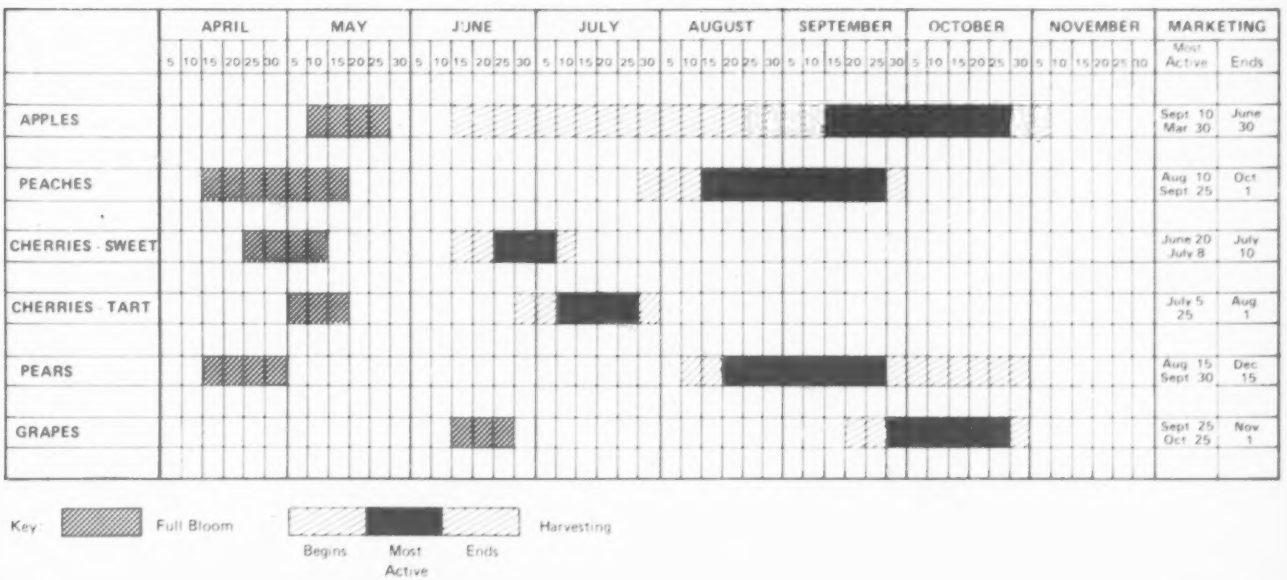
GRAPES: Pennsylvania's 1989 grape crop totaled 60,000 tons, down 5 percent from 1988. The price per ton averaged 274 dollars, up 28 percent from last year. The total value of utilized production was 16.5 million dollars, an increase of 22 percent over the previous year. The Commonwealth's grape production ranked fourth nationally.

PEARS: The production of pears in Pennsylvania totaled 5,400 tons, a 13 percent increase over the 1988 crop. The utilized pear crop was valued at 2.1 million dollars, up 0.4 million dollars from 1988's value. The Commonwealth ranked sixth nationally in pear production.

TART CHERRIES: Tart cherry production in Pennsylvania totaled 5.7 million pounds, down 37 percent from last year's crop of 9.0 million pounds. The season average price was .180 cents per pound compared with .256 per pound in 1988. Nationally, Pennsylvania ranked sixth in the production of tart cherries.

SWEET CHERRIES: Production of Pennsylvania's sweet cherries in 1988 totaled 650 tons, a decline of 46 percent from last year's production of 1,200 tons. The average price per ton rose from 1,260 dollars in 1988 to 1,500 dollars in 1989. The Commonwealth's crop for 1989 was valued at slightly less than 1.0 million dollars, down 36 percent of last year's value. Sweet cherry production from Pennsylvania ranked eighth nationally.

USUAL DATES OF FULL BLOOM, HARVEST AND MARKETING FOR PRINCIPAL PENNSYLVANIA FRUIT CROPS



PENNSYLVANIA: FRUIT CROPS - PRODUCTION, DISPOSITION AND VALUE, 1965-1989

Year	Production		Utilization					Price Per Unit 1/	Value Of Utilized Production
			Fresh	Processed					
	Total	Utilized		Canned	Juice	Other	All		
			APPLES (MILLION LBS.)					$/Lb.	(000) Dols.
1965	500.0	493.4	133.4	290.4	2/	69.6	360.0	.033	16,430
1970	540.0	510.0	195.0	225.1	78.9	11.0	315.0	.038	19,329
1975	550.0	503.5	228.2	201.5	62.2	11.6	275.3	.059	29,707
1980	570.0	570.0	207.8	193.1	161.9	7.2	326.2	.075	42,734
1985	585.0	585.0	210.0	234.1	136.1	4.8	375.0	.094	54,810
1986	600.0	600.0	116.0	319.4	155.0	9.6	484.0	.080	47,772
1987	500.0	500.0	170.0	197.4	126.0	6.6	330.0	.089	44,710
1988	520.0	520.0	138.0	276.0	98.4	7.6	382.0	.092	47,642
1989	320.0	320.0	120.0	162.0	31.0	7.0	200.0	.107	34,160
			PEACHES (MILLION LBS.)						
1965	110.4	105.1	88.5	-	-	-	16.6	.052	5,413
1970	84.0	84.0	74.0	-	-	-	10.0	.077	6,468
1975	90.0	90.0	83.4	-	-	-	6.6	.122	10,980
1980	105.0	105.0	94.9	9.4	-	.7	10.1	.145	15,225
1985	40.0	37.4	33.9	3.1	-	.4	3.5	.251	9,376
1986	80.0	80.0	73.0	3/	-	3/	7.0	.180	14,399
1987	75.0	75.0	68.0	3/	-	3/	7.0	.175	13,106
1988	80.0	75.0	68.1	3/	-	3/	6.9	.196	14,678
1989	65.0	65.0	61.8	3/	-	3/	3.2	.258	16,799
			PEARS (TONS)					$/Ton	
1965	3,300	3,300	-	-	-	-	-	141	465
1970	4,100	4,100	-	-	-	-	-	153	627
1975	4,500	4,500	-	-	-	-	-	216	972
1980	3,500	3,500	-	-	-	-	-	299	1,046
1985	3,500	3,500	-	-	-	-	-	324	1,135
1986	5,600	5,600	-	-	-	-	-	335	1,876
1987	5,400	5,250	-	-	-	-	-	282	1,478
1988	5,100	4,800	-	-	-	-	-	345	1,654
1989	5,500	5,400	-	-	-	-	-	394	2,128
			TART CHERRIES (MILLION LBS.)					$/Lb.	
1965	25.0	24.4	-	-	-	-	-	.056	1,366
1970	14.0	14.0	.5	5.5	-	-	13.5	.078	1,092
1975	12.6	11.5	1.1	6.8	-	-	10.4	.114	1,311
1980	5.6	5.6	.8	-	-	-	4.8	.275	1,540
1985	6.0	6.0	.6	-	-	-	5.4	.268	1,608
1986	12.0	12.0	1.0	-	-	-	11.0	.253	3,040
1987	5.5	4.7	.9	-	-	-	3.8	.166	779
1988	9.0	9.0	.8	-	-	-	8.2	.256	2,301
1989	6.0	5.7	.7	-	-	-	5.0	.180	1,027
			SWEET CHERRIES (TONS)					$/Ton	
1965	1,200	1,180	-	-	-	-	-	306	361
1970	600	600	-	-	-	-	-	500	300
1975	860	860	-	-	-	-	-	730	628
1980	700	700	-	-	-	-	-	1,090	763
1985	500	500	-	-	-	-	-	1,310	655
1986	1,050	1,000	-	-	-	-	-	1,270	1,270
1987	800	700	-	-	-	-	-	1,480	1,036
1988	1,200	1,200	-	-	-	-	-	1,260	1,512
1989	700	650	-	-	-	-	-	1,500	975
			GRAPES (TONS)						
1965	49,000	45,000	2,500	-	-	-	42,500	131	5,895
1970	45,000	45,000	1,800	-	36,230	6,970	43,200	147	6,615
1975	48,000	48,000	1,660	-	39,250	7,090	46,340	168	8,064
1980	56,000	56,000	2,000	-	44,500	9,500	54,000	167	9,360
1985	59,500	59,500	1,200	-	51,700	6,600	58,300	149	8,886
1986	62,000	62,000	1,100	-	51,900	9,000	60,900	180	11,156
1987	65,500	65,500	1,000	-	57,600	6,900	64,500	235	15,394
1988	63,000	63,000	1,000	-	57,100	4,900	62,000	214	13,494
1989	60,000	60,000	1,000	-	50,500	8,500	59,000	274	16,456

1/ Fresh and processing prices combined. 2/ Juice included in "other." 3/ Data not published to avoid disclosure at individual operations.

PENNSYLVANIA: APPLES AND PEACHES - PRODUCTION AND VALUE, 1989

County & District	Apples		Peaches	
	Production	Value of Production	Production	Value of Production
	(000) Lbs.	(000) Dollars	(000) Lbs.	(000) Dollars
Crawford	321	34	-	-
Erie	7,150	763	874	226
Forest	1/	1/	-	-
Mercer	350	37	148	38
Venango	473	50	1/	1/
Warren	1/	1/	-	-
NORTHWESTERN, TOTAL	**8,294**	**885**	**1,022**	**264**
Bradford	930	99	1/	1/
Cameron	1/	1/	-	-
Clinton	T/	T/	1/	1/
Elk	T/	T/	-	-
Lycoming	2,857	305	372	96
McKean	1/	1/	-	-
Potter	T/	T/	-	-
Sullivan	T/	T/	-	-
Tioga	1,540	164	-	-
NORTH CENTRAL, TOTAL	**5,327**	**569**	**372**	**96**
Lackawanna	1/	1/	-	-
Susquehanna	453	48	-	-
Wayne	1,315	140	-	-
Wyoming	1/	1/	-	-
NORTHEASTERN, TOTAL	**1,768**	**189**	**-**	**-**
Armstrong	1,572	168	1/	1/
Beaver	1,951	208	85	22
Butler	1/	1/	1/	1/
Clarion	697	74	T/	T/
Indiana	1,176	126	1/	1/
Jefferson	1/	1/	-	-
Lawrence	1,620	173	61	16
WEST CENTRAL, TOTAL	**7,016**	**749**	**146**	**38**
Blair	8,256	881	411	106
Cambria	392	42	1/	1/
Centre	3,248	347	1/	1/
Clearfield	624	67	-	-
Columbia	3,242	346	985	255
Dauphin	2,535	271	916	237
Huntingdon	335	36	1/	1/
Juniata	4,573	488	1,453	378
Mifflin	742	79	254	66
Montour	261	28	123	32
Northumberland	2,410	257	376	97
Perry	327	35	322	83
Snyder	7,427	793	1,958	506
Union	172	18	132	34
CENTRAL, TOTAL	**34,544**	**3,688**	**6,940**	**1,794**
Carbon	1/	1/	1/	1/
Lehigh	17,480	1,866	6,970	1,801
Luzerne	1,782	190	76	20
Monroe	1/	1/	1/	1/
Northampton	3,919	418	1,591	411
Pike	1/	1/	-	-
Schuylkill	4,552	486	432	112
EAST CENTRAL, TOTAL	**27,733**	**2,960**	**9,069**	**2,344**
Allegheny	12,265	1,309	97	25
Fayette	1/	1/	-	-
Greene	T/	T/	-	-
Somerset	472	50	-	-
Washington	3,625	387	326	84
Westmoreland	721	77	1/	1/
SOUTHWESTERN, TOTAL	**17,083**	**1,824**	**423**	**109**
Adams	133,928	14,297	19,620	5,070
Bedford	7,145	763	167	43
Cumberland	7,926	846	424	110
Franklin	40,910	4,367	11,480	2,966
Fulton	1/	1/	1/	1/
York	9,328	996	6,830	1,765
SOUTH CENTRAL, TOTAL	**199,237**	**21,269**	**38,521**	**9,954**
Berks	8,422	899	3,910	1,011
Bucks	1,473	157	429	111
Chester	3,346	357	567	147
Delaware	274	29	304	79
Lancaster	3,735	399	2,740	708
Lebanon	1,085	116	392	101
Montgomery	663	71	165	43
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**18,998**	**2,028**	**8,507**	**2,200**
PENNSYLVANIA	**320,000**	**34,160**	**65,000**	**16,799**

1/ Included in other counties in same district.

PENNSYLVANIA: APPLE PRODUCTION, 1985-1988

County & District	1985	1986	1987	1988
		(000) Lbs.		
Crawford	458	376	345	365
Erie	9,911	7,130	8,170	7,238
Forest	1/	1/	1/	1/
Mercer	242	318	366	370
Venango	419	362	490	458
Warren	1/	1/	1/	1/
NORTHWESTERN, TOTAL	**11,030**	**8,186**	**9,371**	**8,431**
Bradford	1,037	1,340	904	1,012
Cameron	1/	1/	1/	1/
Clinton	1/	1/	1/	1/
Elk	1/	1/	1/	1/
Lycoming	2,580	3,270	2,610	2,730
McKean	1/	1/	1/	1/
Potter	1/	1/	1/	1/
Sullivan	1/	1/	1/	1/
Tioga	1,210	1,311	1,528	1,610
NORTH CENTRAL, TOTAL	**4,827**	**5,921**	**5,042**	**5,352**
Lackawanna	1/	1/	1/	1/
Susquehanna	483	793	485	466
Wayne	868	1,282	1,061	1,247
Wyoming	1/	1/	1/	1/
NORTHEASTERN, TOTAL	**1,351**	**2,075**	**1,546**	**1,713**
Armstrong	1,533	1,550	1,289	1,416
Beaver	1,384	1,568	1,710	1,863
Butler	1/	1/	1/	1/
Clarion	420	553	630	672
Indiana	1,210	1,455	973	1,191
Jefferson	1/	1/	1/	1/
Lawrence	1,572	1,444	1,631	1,676
WEST CENTRAL, TOTAL	**6,219**	**6,580**	**6,233**	**6,818**
Blair	10,673	11,028	9,543	10,920
Cambria	496	440	385	405
Centre	2,621	3,064	3,134	3,372
Clearfield	699	692	653	692
Columbia	3,361	3,942	3,789	3,910
Dauphin	3,673	2,758	2,622	2,943
Huntingdon	853	479	282	294
Juniata	7,519	6,285	4,751	4,951
Mifflin	890	846	832	906
Montour	282	231	240	276
Northumberland	3,422	2,719	2,437	2,544
Perry	875	531	348	372
Snyder	8,135	6,795	8,640	8,959
Union	382	324	214	196
CENTRAL, TOTAL	**43,881**	**40,134**	**37,870**	**40,740**
Carbon	1/	1/	1/	1/
Lehigh	23,340	20,150	18,965	20,876
Luzerne	2,025	2,325	1,764	1,857
Monroe	1/	1/	1/	1/
Northampton	5,122	5,056	3,928	4,246
Pike	1/	1/	1/	1/
Schuylkill	4,979	5,651	4,673	4,928
EAST CENTRAL, TOTAL	**35,466**	**33,182**	**29,330**	**31,907**
Allegheny	15,313	15,764	13,810	14,707
Fayette	1/	1/	1/	1/
Greene	1/	1/	1/	1/
Somerset	1,186	853	541	505
Washington	3,885	3,768	4,750	4,532
Westmoreland	1,194	876	732	775
SOUTHWESTERN, TOTAL	**21,578**	**21,261**	**19,833**	**20,519**
Adams	303,494	327,457	246,598	252,217
Bedford	10,373	13,825	10,790	12,052
Cumberland	17,221	20,870	12,050	13,628
Franklin	63,539	64,293	77,115	77,400
Fulton	1/	1/	1/	1/
York	22,785	21,632	14,950	16,162
SOUTH CENTRAL, TOTAL	**417,412**	**448,077**	**361,503**	**371,459**
Berks	21,650	18,786	13,150	14,655
Bucks	4,943	1,864	2,140	2,595
Chester	6,507	5,139	5,843	6,681
Delaware	468	435	305	345
Lancaster	6,390	5,235	5,329	5,975
Lebanon	1,543	1,435	1,610	1,726
Montgomery	1,735	1,690	895	1,084
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**43,236**	**34,584**	**29,272**	**33,061**
PENNSYLVANIA	**585,000**	**600,000**	**500,000**	**520,000**

1/ Included in other counties in same district.

PENNSYLVANIA: PEACH PRODUCTION, 1985-1988

County & District	1985	1986	1987	1988
		(000) Lbs.		
Crawford	-	-	-	-
Erie	368	521	820	912
Forest	-	-	-	-
Mercer	197	220	173	197
Venango	1/	1/	1/	1/
Warren	-	-	-	-
NORTHWESTERN, TOTAL	**565**	**741**	**993**	**1,109**
Bradford	1/	1/	1/	1/
Cameron	-	-	-	-
Clinton	1/	1/	1/	1/
Elk	-	-	-	-
Lycoming	194	520	256	314
McKean	-	-	-	-
Potter	-	-	-	-
Sullivan	-	-	-	-
Tioga	-	-	-	-
NORTH CENTRAL, TOTAL	**194**	**520**	**256**	**314**
Lackawanna	-	-	-	-
Susquehanna	-	-	-	-
Wayne	-	-	-	-
Wyoming	-	-	-	-
NORTHEASTERN, TOTAL	**-**	**-**	**-**	**-**
Armstrong	1/	1/	1/	1/
Beaver	87	177	150	134
Butler	1/	1/	1/	1/
Clarion	1/	1/	1/	1/
Indiana	1/	1/	1/	1/
Jefferson	-	-	-	-
Lawrence	67	172	125	92
WEST CENTRAL, TOTAL	**154**	**349**	**275**	**226**
Blair	117	223	446	418
Cambria	1/	1/	1/	1/
Centre	1/	1/	1/	1/
Clearfield	-	-	-	-
Columbia	942	2,230	876	884
Dauphin	355	887	962	963
Huntingdon	1/	1/	1/	1/
Juniata	1,242	1,622	1,634	1,672
Mifflin	323	428	249	230
Montour	41	103	83	77
Northumberland	175	348	421	409
Perry	138	276	337	294
Snyder	793	1,545	2,028	1,925
Union	62	85	138	115
CENTRAL, TOTAL	**4,188**	**7,747**	**7,174**	**6,987**
Carbon	1/	1/	1/	1/
Lehigh	6,836	5,452	7,680	9,550
Luzerne	41	343	73	91
Monroe	1/	1/	1/	1/
Northampton	2,564	2,167	1,473	1,865
Pike	-	-	-	-
Schuylkill	973	824	461	700
EAST CENTRAL, TOTAL	**10,414**	**8,786**	**9,687**	**12,206**
Allegheny	88	94	169	134
Fayette	-	-	-	-
Greene	-	-	-	-
Somerset	1/	1/	1/	1/
Washington	64	128	417	342
Westmoreland	1/	1/	1/	1/
SOUTHWESTERN, TOTAL	**152**	**222**	**586**	**476**
Adams	5,760	26,170	22,250	21,980
Bedford	33	244	246	205
Cumberland	455	1,217	625	597
Franklin	3,482	14,280	13,420	13,130
Fulton	1/	1/	1/	1/
York	2,345	9,850	8,910	8,340
SOUTH CENTRAL, TOTAL	**12,075**	**51,761**	**45,451**	**44,252**
Berks	3,587	4,800	5,180	4,530
Bucks	718	428	551	463
Chester	757	766	682	594
Delaware	396	318	355	326
Lancaster	3,250	2,790	3,160	2,910
Lebanon	581	532	446	417
Montgomery	369	240	204	190
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**9,658**	**9,874**	**10,578**	**9,430**
PENNSYLVANIA	**37,400**	**80,000**	**75,000**	**75,000**

1/ Included in other counties in same district.

COMMERCIAL VEGETABLE PRODUCTION-1989

By STEVEN P. GUNN

PENNSYLVANIA: Vegetable growers in the state experienced improved weather conditions during the 1989 crop season compared to the drought in 1988. Heavy spring rains brought much needed moisture. However, excessive rainfall did hamper planting and cause some plant damage. Temperatures were below normal during the spring and near normal through the summer.

PRODUCTION: Pennsylvania's production of both fresh market and processing vegetables for 1989 was 176,630 tons, up 34 percent from last year. This includes sweet corn, tomatoes, and strawberries for fresh market and snap beans, sweet corn, and tomatoes for processing. Fresh market production in 1989 was up 43 percent and processing production was up 20 percent. Sweet corn production increased 68 percent for fresh market but processing production decreased 6 percent. Fresh tomato production increased 17 percent and processing tomato production expanded 27 percent from 1988. Strawberry production increased 4 percent and snap bean production rose 21 percent from a year ago.

Yield: Vegetable yields increased for every commodity listed between 1988 and 1989. Sweet corn yields for 1989 increased 55 percent for fresh market and 32 percent for processing over 1988 yields. Fresh market tomato yields rose 43 percent for fresh market and 49 percent for processing over the previous year levels. Strawberry yields increased 9 percent and snap bean yields increased 36 percent from 1988 to 1989.

Acreage: Total harvested acreage for fresh and processing vegetables was down 4 percent at 32,300 acres. Fresh market harvested acreage increased 2 percent to 22,900, while total processing harvested acreage decreased 16 percent to 9,400.

Value. The combined value of both fresh and processing vegetables at $63,214,000 increased 50 percent from 1988. The fresh market section totaled $56,094,000, up 52 percent. Processing vegetables totaled $7,120,000 in 1989, up 37 percent. Fresh market prices per hundredweight were up for sweet corn, tomatoes, and strawberries. Processing vegetable prices per ton were also up for snap beans, tomatoes, and sweet corn.

PENNSYLVANIA: TOTAL PRINCIPAL VEGETABLES, FRESH AND PROCESSING, 1970-1989

Year	Fresh				Processing				Total			
	Acreage		Production	Value	Acreage		Production	Value	Acreage		Production	Value
	Planted	Harvested			Planted	Harvested			Planted	Harvested		
			(000) Cwt.	(000) Dols.			(000) Tons	(000) Dols.			(000) Cwt.	(000) Dols.
1970.....	18,830	18,030	1,609	8,497	27,550	26,520	203	8,888	46,380	44,550	5,661	17,385
1975.....	19,630	18,930	1,783	14,367	23,440	22,170	147	11,577	43,070	41,100	4,721	25,944
1977.....	25,970	23,470	2,036	17,358	18,770	17,770	145	10,210	44,740	41,240	4,930	27,568
1978.....	26,560	25,560	2,044	26,228	15,340	14,940	108	7,890	41,900	40,500	4,200	34,110
1979.....	27,800	26,300	1,951	25,276	15,400	14,630	98	7,574	43,200	40,930	3,909	32,850
1980.....	28,000	26,100	1,711	20,956	15,340	15,020	66	5,748	43,340	41,120	3,034	26,704
1981.....	26,700	25,600	2,189	28,355	16,300	15,800	108	10,243	43,000	41,400	4,349	38,598
1982 1/.....	22,200	21,300	1,574	26,347	16,400	15,700	114	10,905	38,600	37,000	3,854	37,252
1983.....	22,900	21,300	1,291	25,153	13,700	13,200	99	8,907	36,600	34,500	3,271	34,060
1984.....	22,900	22,100	1,977	30,782	12,700	11,800	91	8,683	35,600	33,900	3,797	39,465
1985.....	22,500	21,300	1,870	29,231	11,900	11,400	86	8,156	34,400	32,700	3,594	37,387
1986.....	23,500	22,600	1,467	27,914	11,400	10,900	72	5,951	34,900	33,500	2,899	33,865
1987.....	26,700	24,300	1,725	30,956	13,000	11,700	53	5,346	39,700	36,000	2,793	36,302
1988.....	27,900	22,500	1,632	36,874	12,900	11,200	50	5,209	40,800	33,700	2,636	42,083
1989.....	24,500	22,900	2,339	56,094	9,700	9,400	60	7,120	34,200	32,300	3,533	63,214

1/ Beginning in 1982 fresh includes sweet corn, tomatoes and strawberries. Processing includes snap beans, sweet corn, and tomatoes.

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR FRESH MARKET, 1981-1989

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acres	Production	Farm Value 1/	
						Per Cwt.	Total
				Cwt.	(000) Cwt.	Dollars	(000) Dollars
Sweet Corn.....	1981	16,600	15,800	55	869	12.40	10,776
	1982	16,600	15,800	55	869	12.80	11,123
	1983	16,800	15,300	44	673	14.30	9,624
	1984	16,600	15,900	73	1,161	12.40	14,396
	1985	15,900	14,800	71	1,051	12.40	13,032
	1986	17,300	16,600	48	797	15.20	12,114
	1987	19,700	17,400	49	853	14.50	12,369
	1988	20,900	15,700	55	864	16.80	14,515
	1989	18,600	17,100	85	1,454	20.90	30,389
Tomatoes.....	1981	3,700	3,600	160	576	14.70	8,467
	1982	3,800	3,700	170	629	14.90	9,372
	1983	4,300	4,200	130	546	17.80	9,719
	1984	4,600	4,500	170	765	16.00	12,240
	1985	4,900	4,800	160	768	15.60	11,981
	1986	4,400	4,200	145	609	17.20	10,475
	1987	5,100	5,000	160	800	15.80	12,640
	1988	5,100	4,900	140	686	20.70	14,200
	1989	4,100	4,000	200	800	21.40	17,120
Strawberries.....	1981	1,700	1,700	40	68	78.60	5,345
	1982	1,800	1,800	42	76	77.00	5,852
	1983	1,800	1,800	40	72	80.70	5,810
	1984	1,700	1,700	30	51	81.30	4,146
	1985	1,700	1,700	30	51	82.70	4,218
	1986	1,800	1,800	34	61	87.30	5,325
	1987	1,900	1,900	38	72	82.60	5,947
	1988	1,900	1,900	43	82	99.50	8,159
	1989	1,800	1,800	47	85	101.00	8,585

1/ F.O.B. farm value.

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR PROCESSING, 1981-1989

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acres	Production	Farm Value 1/	
						Per Cwt.	Total
				Cwt.	(000) Cwt.	Dollars	(000) Dollars
Sweet Corn.....	1981	4,200	4,100	3.21	13,160	66.10	870
	1982	4,800	4,500	3.61	16,250	58.00	943
	1983	4,100	3,700	2.48	9,180	52.20	479
	1984	3,900	3,600	4.66	16,780	64.40	1,081
	1985	4,200	4,100	3.97	16,280	52.10	848
	1986	3,700	3,500	3.29	11,520	50.30	579
	1987	3,800	3,000	3.51	10,530	50.00	527
	1988	3,400	2,800	3.71	10,390	52.40	544
	1989	2,000	2,000	4.89	9,780	54.00	528
Tomatoes.....	1981	4,900	4,800	16.67	80,020	80.50	6,442
	1982	5,100	5,000	16.85	84,250	86.30	7,271
	1983	5,000	5,000	16.43	82,150	83.50	6,860
	1984	3,500	3,300	18.13	59,830	79.90	4,780
	1985	3,000	2,800	19.45	54,460	75.50	4,112
	1986	3,100	2,900	17.62	51,100	72.50	3,705
	1987	2,500	2,100	14.14	29,690	75.60	2,245
	1988	2,300	2,000	13.93	27,860	75.90	2,115
	1989	1,700	1,700	20.80	35,360	93.50	3,306
Snap Beans.....	1981	5,700	5,500	2.25	12,380	191.00	2,365
	1982	6,500	6,200	2.16	13,390	201.00	2,691
	1983	4,600	4,500	1.76	7,920	198.00	1,568
	1984	5,300	4,900	2.88	14,110	200.00	2,822
	1985	4,700	4,500	3.43	15,440	207.00	3,196
	1986	4,600	4,500	1.99	8,960	186.00	1,667
	1987	6,700	6,600	2.00	13,200	195.00	2,574
	1988	7,200	6,400	1.87	11,970	213.00	2,550
	1989	6,000	5,700	2.55	14,540	226.00	3,286

1/ Value at processing plant door.

MUSHROOMS

By HERBERT D. TRICE

PENNSYLVANIA MUSHROOM PRODUCTION UP 3 PERCENT: Pennsylvania led all states in mushroom production with 294,070,000 pounds produced during the 1988-89 season. Production in the Keystone State accounted for 44 percent of the United States production, down from the 45 percent the previous year. Pennsylvania accounted for 36 percent of the Nation's fresh market and 64 percent of the processing sales. This compares to last season's percent of 39 and 61 respectively. Fresh market sales at 176.4 million pounds were down 5 percent from the previous year and processing sales at 117.6 million pounds, were up to 18 percent.

Production is primarily the conventional button mushrooms (Agaricus) and also the specialties (Shiitake, Oyster and all other types of specialty varieties). Volume of U.S. sales for commercially grown specialty mushrooms totaled 5.5 million pounds, up 10 percent from the previous years 5.0 million pounds. The value of the 1988-89 specialty mushroom crop was $21.9 million, almost 4 percent below the previous years value of $22.7 million.

PENNSYLVANIA AND UNITED STATES: MUSHROOM SALES BY TYPE AND PERCENT OF TOTAL, 1977-1989

Year	Pennsylvania					United States				
	Fresh Market		Processing		Total Production	Fresh Market		Processing		Total Production
	Volume Of Sales	Percent	Volume Of Sales	Percent		Volume Of Sales	Percent	Volume Of Sales	Percent	
	(000) Lbs.									
1977-78.....	75,260	34	144,798	66	220,058	191,080	48	207,623	52	398,703
1978-79.....	61,222	29	152,568	71	213,790	229,538	51	224,469	49	454,007
1979-80.....	70,049	33	143,660	67	213,709	255,846	54	214,223	46	470,069
1980-81.....	87,861	37	149,602	63	237,463	275,052	59	194,524	41	469,576
1981-82.....	120,141	44	152,907	56	273,048	319,132	62	198,014	38	517,146
1982-83	129,331	52	117,251	48	246,582	337,234	69	153,592	31	490,826
1983-84.....	154,675	55	124,979	45	279,654	388,075	69	173,456	31	561,531
1984-85.....	159,667	58	115,529	42	275,196	419,913	70	175,768	30	595,681
1985-86.....	156,179	61	99,981	39	256,160	427,204	73	160,752	27	587,956
1986-87.....	183,154	65	98,222	35	281,376	457,299	74	157,094	26	614,393
1987-88.....	185,109	65	99,674	35	284,783	468,895	74	162,924	26	631,819
1988-89.....	176,442	60	117,628	40	294,070	483,503	72	183,864	28	667,367

PENNSYLVANIA AND OTHER STATES: AREA, PRODUCTION, PRICE AND VALUE

State	Area In Production				Production	Price Per Pound	Value Of Production
	First Filling	Second Filling	Additional Fillings	Total			
	(000) Sq. Ft.				(000) Lbs.	Cents	(000) Dols.
	July 1, 1987 - June 30, 1988						
Pennsylvania.....	17,722	17,245	25,495	60,462	284,783	72.0	205,100
Other States.....	12,715	12,695	44,655	70,065	347,036	97.7	339,200
United States.....	30,437	29,940	70,150	130,527	631,819	86.1	544,300
	July 1, 1988 - June 30, 1989						
Pennsylvania.....	16,905	16,472	26,665	60,042	294,070	73.6	216,436
Other States.....	13,237	11,512	47,480	72,229	373,297	101.3	378,114
United States.....	30,142	27,984	74,145	132,271	667,367	89.1	594,550

PENNSYLVANIA AND OTHER STATES: BED OR TRAY AREA TO BE IN PRODUCTION JULY 1, 1989 TO JUNE 30, 1990

State	Intentions July 1989 - June 1990				Intentions As Percent of 1988 - 1989			
	First Filling	Second Filling	Additional Fillings	Total	First Filling	Second Filling	Additional Fillings	Total
	(000) Sq. Ft.				Percent			
Pennsylvania.....	17,102	16,809	27,746	61,657	101	102	104	103
Other States.....	13,178	11,475	48,515	73,168	100	100	102	101
United States.....	30,280	28,284	76,261	134,825	100	101	103	102

FLOWERS & FOLIAGE PLANTS - 1989

By DAVID P. KNOPF

The 1989 wholesale value of sales by commercial flower and foliage producers in Pennsylvania totaled $88,343,000, compared with $92,030,000 in 1988. A commercial producer is defined as one who had $10,000 or more in gross sales of cut flowers, flowering and foliage plants, bedding plants or cultivated florist greens.

The wholesale value of cut flowers, excluding gladiolus, totaled $14,394,000, down 16 percent from the previous year. The wholesale value of potted flowering plants was $25,437,000, down 6 percent from 1988. Sales of foliage plants for indoor and patio use were up 11 percent to $14,045,000. Sales of bedding and garden plants in flats totaled $19,409,000, down 6 percent from 1988. Sales of potted bedding and garden plants rose 3 percent totaling $14,936,000.

The total covered growing area for Pennsylvania in 1989 was 15,886,000 square feet, down from 16,955,000 square feet in 1988. The area covered by glass, fiberglass and other rigid materials was 7,238,000 square feet. Film and plastic greenhouse area totaled 8,464,000 square feet and shade and temporary cover area total 184,000 square feet. There were 558 growers in 1989 compared with 600 in 1988.

In 1989 Pennsylvania ranked seventh nationally in wholesale sales of floriculture crops. The Commonwealth ranked second in wholesale value of sales for standard mums and potted geraniums grown from cuttings. Pennsylvania was third in sweetheart roses, hybrid tea roses and potted easter lilies, and fourth in poinsettias and potted hardy/garden chrysanthemums.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1988-1989

Flowers, Foliage Plants and Bedding Plants	Producers		Total Quantity				
			Sold			Intended 1990	1990 as Percent of 1989
	1988	1989	Units	1988	1989		
	Number			(000)			Percent
Potted Flowering Plants							
African Violets	37	32	Pots	493	497	497	100
Chrysanthemums	163	173	Pots	1,572	1,536	1,625	106
Finished Florist Azaleas	106	86	Pots	660	602	598	99
Easter Lillies	205	197	Pots	726	672	706	105
Other Lillies	47	52	Pots	75	97	98	101
Poinsettias	344	328	Pots	3,394	3,315	3,361	101
Other Flowering Plants	170	142	Pots	2,470	2,008	2,020	101
Bedding/Garden Plants (Potted)							
Hardy/Garden Chrysanthemums	228	227	Pots	1,439	1,526	1,608	105
Geraniums (Cutting)	477	431	Pots	5,255	5,129	5,360	105
Geraniums (Seed)	207	179	Pots	3,014	3,189	3,175	100
Other Flowering and Foliage Type	250	242	Pots	2,705	2,725	2,989	110
Potted Vegetable Type	162	159	Pots	535	953	1,177	124
Bedding/Garden Plants (Flats)							
Geraniums	114	105	Flats	170	71	73	103
Other Flowering and Foliage Type	505	442	Flats	2,507	2,494	2,644	106
Vegetable Type	441	382	Flats	517	515	526	102

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1988-1989

Flowers, Foliage Plants and Bedding Plants	Producers		Area for Production 1/			
	1988	1989	1988	1989	Intended 1990	1990 as % of 1989
	Number		(000) Sq. Ft.			Percent
Cut Flowers						
Carnation, Standard	16	15	51	42	38	90
Miniature	12	10	17	16	15	94
Chrysanthemums, Standard	69	64	270	260	262	101
Pompom	71	59	243	207	170	82
Roses, Hybrid Tea	14	13	1,304	1,032	957	93
Sweetheart	12	11	313	287	265	92
Other Cut Flower	75	60	735	807	907	112
Foliage for Indoor or Patio						
Flowering Hanging Baskets	437	459	1,068	1,205	1,335	111
Foliage Hanging Baskets	185	194	693	735	792	108
Potted Foliage	83	86	550	532	828	156

1/ Quantity sold for Flowering and Foliage Hanging Baskets.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1988-1989

Flowers, Foliage Plants and Bedding Plants	Production Area		% of Sales at Wholesale		Wholesale Price				Value of Sales at Wholesale 1/	
					Pots Less Than 5 Inch		Pots 5 Inch Or More			
	1988	1989	1988	1989	1988	1989	1988	1989	1988	1989
	(000) Sq. Ft.		Percent		Dollars				(000) Dols.	
Potted Flowering Plants										
African Violets	87	114	72	71	1.04	1.27	4.30	4.40	516	656
Chrysanthemums (Excluding Hardy/Garden Mums)	1,091	1,146	85	91	1.51	1.31	3.85	3.62	4,833	4,549
Finished Florist Azaleas	434	389	91	93	1.04	1.12	3.78	3.64	2,202	1,917
Easter Lilies	475	458	83	90	3.20	3.35	3.66	3.67	2,654	2,464
Other Lilies	64	81	62	73	4.07	3.94	4.41	4.30	323	408
Poinsettias	4,480	4,474	75	83	1.68	1.49	3.71	3.74	10,998	10,555
Other Flowering Plants	1,223	957	75	71	1.39	1.57	3.60	3.35	5,606	4,888
Total	-	-	-	-	-	-	-	-	27,132	25,437
Bedding/Garden Plants (Potted)										
Hardy/Garden Chrysanthemums	1,866	1,623	78	80	1.09	1.11	1.80	1.81	2,474	2,558
Geraniums (Cutting)	2,328	2,241	70	65	1.18	1.23	2.66	2.75	6,596	6,889
Geraniums (Seed)	675	641	86	86	.72	.69	1.45	1.44	2,175	2,236
Other Flowering and Foliage Type	1,045	1,033	67	74	.83	.85	1.80	1.74	2,880	2,695
Potted Vegetable Type	159	198	45	66	.63	.53	1.17	1.19	356	558
Total	-	-	-	-	-	-	-	-	14,481	14,936
					Flats 1988	Flats 1989				
Bedding/Garden Plants (Flats)										
Geraniums	297	146	69	63	7.34	7.39			1,248	525
Other Flowering and Foliage Type	5,022	5,072	74	66	6.53	6.31			16,371	15,737
Vegetable Type	1,097	1,025	63	57	5.84	6.11			3,019	3,147
Total	-	-	-	-	-	-			20,638	19,409
Total of Surveyed Plants	23,809	22,765	-	-	-	-	-	-	92,030	88,343 2/

1/ Equivalent wholesale value of all sales. 2/ Includes Gladiolus and cultivated greens.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS & BEDDING PLANTS, 1988-1989

Flowers, Foliage Plants and Bedding Plants	Sales			% of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale 1/	
	Units	1988	1989	1988	1989	1988	1989	1988	1989
		(000)		Percent		Dollars		(000) Dols	
Cut Flowers									
Carnation, Standard	Blooms	1,013	871	61	58	.168	.204	170	178
Miniature	Blooms	31	28	72	79	2.87	3.03	89	85
Chrysanthemums, Standard	Blooms	1,127	992	70	62	.651	.736	734	730
Pompom	Bunches	247	178	45	39	1.42	1.49	351	265
Roses, Hybrid Tea	Blooms	17,641	14,629	86	99	.684	.681	12,066	9,962
Sweetheart	Blooms	6,061	5,134	89	99	.411	.438	2,491	2,249
Other Cut Flowers		-	-	91	83	-	-	1,250	1,010
Total		-	-	-	-	-	-	17,062	14,394
Foliage for Indoor or Patio									
Flowering Hanging Baskets	Baskets	1,068	1,205	81	80	5.39	5.49	5,757	6,615
Foliage Hanging Baskets	Baskets	693	735	93	92	4.65	4.82	3,222	3,543
Potted Foliage	Pots	-	-	90	88	-	-	3,621	3,887
Total		-	-	-	-	-	-	12,600	14,045

1/ Equivalent wholesale value of all sales.

NURSERY AND LANDSCAPING - 1989

By MARK E. HUDSON

The 1989 gross receipts of the Commonwealth's 4,648 certified nurseries and dealers totaled 438.5 million dollars. Retail sales were 297.8 million dollars and accounted for nearly 68 percent of the total receipts. Sales by certified nurseries accounted for 49 percent of the receipts while the nursery sales of certified dealers made up 51 percent of the total. The breakdown by source of products sold was: 43 percent self-grown, 43 percent purchased from other Pennsylvania establishments and 14 percent purchased from out-of-state establishments.

The nursery and landscaping industry employed 25,308 persons in 1989 with 47 percent of the total being employed full-time. In the industry work force, there were also 3,143 unpaid family members. Salaries and wages paid totaled 190.9 million dollars while expenditures for services such as fertilizing, spraying, etc. totaled 8.7 million dollars.

The 1989 market value of land, structures and equipment used in Pennsylvania's nursery and landscaping industry was approximately 637.0 million dollars. Total land used in nursery operations during 1989 was 47,938 acres. This includes land in certified nursery stock plus work areas and other land related with the nursery operation. Land used by operators of nursery product enterprises for all agricultural operations including nursery totaled 167,595 acres.

Nursery greenhouse area totaled 20.0 million square feet, cold frames covered 2.2 million square feet, shaded areas covered 3.6 million square feet and sales and storage areas covered 7.8 million square feet.

PENNSYLVANIA: NURSERY AND LANDSCAPING INDUSTRY SURVEY - 1989

Type Of Business	Number Of Establishments	Employees				Salaries & Wages Paid	Expenditures For Services 2/
		Unpaid Family	Hired 1/		Total Hired		
			Full Time	Part Time			
	Number					Dollars	
Nursery.....	2,425	1,983	6,908	8,596	15,504	119,932,074	2,995,169
Dealer.....	2,223	1,160	4,923	4,881	9,804	70,990,858	5,686,084
TOTAL.....	4,648	3,143	11,831	13,477	25,308	190,922,932	8,681,253

Type Of Business	Gross Receipts 5/			Source of Products Sold			Market Value 3/
	Wholesale	Retail	Total	Grown	Purchased		
					PA.	Other	
	Dollars			Percent			Dollars
Nursery.....	118,255,244	97,006,287	215,261,531	75	19	6	396,494,506
Dealer.....	22,514,658	200,751,983	223,266,641	7	70	23	240,464,116
TOTAL.....	140,769,902	297,758,270	438,528,172	43	43	14	636,958,622

Type Of Business	Land Area		Covered Area - Nursery Useage			
	Ag. & Nursery Useage	Nursery Useage 4/	Greenhouse	Cold Frames	Shaded	Sales & Storage
	Acres		Square Feet			
Nursery.....	142,609	44,164	18,736,101	2,071,516	2,413,249	4,594,898
Dealer.....	24,986	3,774	1,222,479	152,087	1,168,619	3,269,771
TOTAL.....	167,595	47,938	19,958,580	2,223,603	3,581,868	7,864,669

1/ Employees considered full-time if employed 150 days or more. 2/ Services such as fertilizing, spraying, labor contracting, etc. 3/ Market value of land, structures and equipment used in nursery product operations. 4/ Includes land in certified nursery stock plus work areas and other areas related with the nursery operation. 5/ Includes gross receipts from landscaping services and sales of nursery products.

PRICE AND INCOME REVIEW - 1989

By MARK E. HUDSON

Season average prices received by Pennsylvania Farmers for products they sold in 1989 were mixed. Lower prices were received for grains, calves, sheep, lambs, turkeys, and wool. In 1989, prices were higher for apples, cows, steers and heifers, milk cows, farm chickens, broilers, milk, and eggs.

Cash income from farm marketings showed a 8 percent increase over the previous year. Preliminary cash receipts from marketings was in 1989 was $3.54 billion compared to $3.31 billion in 1988. Total cash income from crops was estimated at $976.5 million, up 4 percent from 1988. Income received from livestock and livestock products at $2.57 billion was up 9 percent.

Total production expenses for Pennsylvania farmers in 1988 were $2.91 billion, an increase of 6 percent from 1987. Net farm income in 1988 was $892.1 million, down 11.5 percent from the previous year. Government payments in 1988 at $64.9 million, were down $6.9 million from 1987.

PENNSYLVANIA: PRICES RECEIVED BY FARMERS, MONTHLY, 1989

Commodity	Unit	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							Dollars						
Corn	Bu.	3.15	3.10	3.11	3.08	3.05	3.01	3.03	2.98	2.89	2.68	2.76	2.73
Oats	Bu.	2.47	2.48	2.32	2.17	2.18	2.12	1.60	1.55	1.53	1.61	1.66	1.85
Barley	Bu.	2.65	2.69	2.76	2.72	2.58	2.00	1.92	2.02	2.25	1.90	2.17	2.39
Wheat	Bu.	4.01	4.00	4.14	4.03	4.05	3.88	3.46	3.49	3.69	4.00	3.86	4.14
Soybeans	Bu.	5.68	6.05	6.40	6.81	7.20	8.46	8.57	8.23	7.95	7.62	7.60	7.53
Potatoes (All)	Cwt.	9.85	10.10	10.40	11.80	12.10	-	15.00	7.10	6.45	7.20	8.20	8.85
Alfalfa Hay	Ton	109.00	108.00	106.00	104.00	107.00	98.00	102.00	99.00	101.00	105.00	102.00	103.00
Other Hay	Ton	86.00	85.00	79.00	79.00	82.00	79.00	79.00	72.00	87.00	84.00	81.00	80.00
Hay, All Baled	Ton	99.00	98.00	94.00	93.00	96.00	89.00	92.00	87.00	95.00	96.00	93.00	93.00
Apples (Fresh Market)	Cwt.	20.60	20.50	21.30	22.00	21.60	17.10	19.30	22.40	21.80	19.90	22.50	22.00
Barrows & Gilts	Cwt.	43.50	42.50	41.10	38.90	43.80	47.60	49.40	48.00	45.10	48.90	47.20	50.60
Steers & Heifers	Cwt.	67.90	69.50	71.30	69.10	70.80	69.80	67.20	67.50	67.80	65.70	67.40	67.90
Cows, Slaughter	Cwt.	46.20	48.10	47.50	46.30	46.90	47.50	47.20	47.00	47.60	46.20	45.70	49.30
Calves	Cwt.	98.10	103.00	101.00	99.00	120.00	109.00	93.50	95.30	101.00	91.20	89.90	91.20
Milk Cows 1/	Hd.	1,020.00	-	-	1,020.00	-	-	1,050.00	-	-	1,100.00	-	
Broilers & Roasters	Lb.	.37	.36	.37	.38	.44	.41	.38	.35	.38	.32	.33	.30
Milk (Wholesale)	Cwt.	14.60	14.20	13.80	13.30	13.20	13.30	13.60	14.20	14.90	15.80	16.50	[illegible]
Eggs (Market)	Doz.	.50	.48	.72	.55	.51	.51	.53	.55	.59	.59	.68	.73

1/ Estimated Quarterly.

PENNSYLVANIA: SEASON AVERAGE PRICES RECEIVED BY FARMERS, 1980-1989

Commodity	Unit	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						Dollars					
Corn	Bu.	3.62	2.67	2.72	3.75	2.83	2.48	1.83	2.47	3.10	2.75
Oats	Bu.	2.13	2.01	1.74	1.89	1.94	1.26	1.37	1.83	2.34	1.65
Barley	Bu.	2.89	2.35	1.95	2.20	2.45	1.60	1.35	1.45	2.40	1.95
Wheat	Bu.	4.10	3.50	3.25	3.65	3.60	3.05	2.75	2.90	3.70	3.50
Potatoes	Cwt.	7.90	7.05	5.50	8.10	6.35	4.55	6.80	6.10	7.60	7.60
Hay, All Baled	Ton	75.00	94.50	89.00	98.00	85.00	67.50	80.00	84.50	92.50	94.50
Apples, All	Lb.	.075	.095	.093	.085	.092	.094	.080	.089	.092	.107
Apples (Fresh Market)	Lb.	.129	.160	.151	.144	.147	.151	.174	.164	.157	.168
Hogs, All	Cwt.	38.90	46.80	55.60	48.90	49.50	45.60	50.30	52.00	43.60	43.60
Steers & Heifers	Cwt.	65.60	58.00	57.90	56.30	57.70	52.60	52.50	62.10	66.40	68.70
Cows, Slaughter	Cwt.	47.60	40.60	38.70	38.40	37.60	36.20	35.10	42.30	45.50	47.10
Calves	Cwt.	93.20	86.70	69.60	70.00	64.30	63.00	65.10	83.10	99.20	98.60
Sheep	Cwt.	25.00	22.10	20.90	17.30	17.60	21.70	24.00	26.40	24.40	23.70
Lambs	Cwt.	62.60	66.80	60.80	62.40	64.60	67.00	70.30	79.50	70.80	68.10
Milk Cows	Hd.	1,280.00	1,310.00	1,200.00	1,120.00	965.00	930.00	850.00	930.00	1,020.00	1,050.00
Farm Chickens	Lb.	.199	.170	.180	.160	.160	.120	.090	.090	.070	.170
Broilers & Roasters	Lb.	.285	.300	.270	.280	.330	.310	.320	.290	.330	.370
Turkeys	Lb.	.450	.450	.470	.470	.590	.500	.510	.420	.440	.430
Milk (Wholesale)	Cwt.	13.60	14.20	14.00	14.00	13.90	13.10	12.90	13.10	13.10	14.50
Eggs 1/	Doz.	.51	.60	.56	.57	.70	.53	.57	.40	.40	.56
Wool 2/	Lb.	.78	.80	.37	.45	.70	.50	.62	.66	1.38	1.22

1/ Beginning with 1981, average prices received are for market eggs only. 2/ U. S. average.

PENNSYLVANIA: AVERAGE ANNUAL PRICES PAID BY FARMERS FOR SELECTED ITEMS AND YEAR, 1979-1989 1/

Item	Unit	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
						Dollars						
Motor Supplies:												
Gasoline, Unleaded.	Gal.	.87	1.21	1.36	1.27	1.22	1.21	1.21	.97	.94	.97	1.05
Diesel Fuel.....	Gal.	.72	.98	1.20	1.17	1.06	1.08	1.01	.84	.77	.81	.83
Spark Plugs.....	Each	1.33	1.25	1.28	1.27	1.40	1.45	1.58	1.72 2/	1.77 2/	1.82 2/	1.89 2/
Feed:												
Chick Starter.....	Ton	199.00	212.00	229.00	208.00	227.00	231.00	203.00	194.00	183.00	218.00	237.00
Laying Feed.....	Ton	172.00	185.00	205.00	196.00	198.00	208.00	181.00	171.00	164.00	195.00	207.00
Dairy Feed-16%.....	Ton	164.00	180.00	199.00	181.00	195.00	197.00	169.00	163.00	153.00	181.00	189.00
Middlings.....	Cwt.	7.60	8.70	9.90	9.30	9.20	9.40	7.63	7.86	6.88	8.52	9.13
Soybean Meal, 44%..	Cwt.	13.00	14.00	14.80	13.40	14.20	13.10	10.18	11.60	15.35	15.65	15.88
Corn Meal.....	Cwt.	7.00	8.00	8.80	8.30	8.90	9.40	7.72	7.68	7.03	8.12	8.75

1/ Beginning in 1986, annual averages are for the Northeast Region: CT, DE, ME, MD, NH, NJ, NY, PA, RI, VT. 2/ United States Average Price

PENNSYLVANIA: PRICES PAID BY FARMERS FOR FEED, CHICKS AND PRICE-FEED RATIOS, QUARTERLY 1989 1/

Item	Unit	January	April	July	October
			Dollars		
Poultry:					
Chick Starter.....	Ton	233	224	253	237
Broiler Grower.....	Ton	220	227	226	221
Turkey Grower.....	Ton	263	252	257	244
Laying Feed.....	Ton	212	203	212	199
Broiler-Type Chicks Str. Run 2/	100	16.80	17.80	17.80	17.30
Egg-Type, Pullets 2/.....	100	55.00	55.60	56.00	52.60
Turkey Poults 2/.....	Each	.981	.992	.990	.940
Dairy:					
Mixed Dairy Feed, 16%.....	Ton	194	194	185	181
Mixed Dairy Feed, 18%.....	Ton	201	201	193	189
Mixed Dairy Feed, 20%.....	Ton	209	206	197	193
Mixed Dairy Feed, 32%.....	Ton	289	279	279	264
Hog & Beef:					
Mixed Hog-Feed, 14-18%.....	Ton	224	227	227	224
Mixed Hog-Feed, 38-42%.....	Ton	370	358	352	348
Hog-Corn Price Ratio.....		15.7	14.4	18.9	21.3
Beef-Cattle Concentrate, 32-36%...	Ton	290	298	297	297
Ingredients:					
Bran.....	Cwt.	10.40	10.60	10.10	10.30
Corn Meal.....	Cwt.	8.90	8.70	8.80	8.60
Soybean Meal 44%.....	Cwt.	16.70	15.70	15.80	15.30
Cottonseed Meal, 41%.....	Cwt.	8.90	15.40	14.60	13.80
Stock Salt.....	50 lb.	4.50	4.70	4.80	4.80
Liquid Molasses.....	Cwt.	7.80	7.80	7.90	8.00

1/ Beginning in 1986, all prices paid are estimated Quarterly for the Northeast Region: CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT. 2/ United States average price

PENNSYLVANIA: CASH RECEIPTS FROM FARM MARKETING AND GOVERNMENT PAYMENTS, 1940-1989

Year	Cash Income From Farm Marketings			Government Payments	Total Marketings & Government Payments
	Crops	Livestock & Livestock Products	Total Crops & Livestock		
			Million Dollars		
1940	75.8	192.9	268.7	6.7	275.4
1950	161.1	533.2	694.3	6.3	700.6
1960	206.0	601.0	807.0	11.8	818.8
1970	260.9	775.9	1,036.8	25.2	1,062.0
1973	368.2	985.3	1,353.5	15.3	1,368.8
1974	462.3	1,042.6	1,504.9	4.9	1,509.8
1975	475.6	1,124.8	1,600.4	5.3	1,605.7
1976	542.7	1,272.5	1,815.2	5.8	1,821.0
1977	596.5	1,301.3	1,897.8	7.5	1,905.3
1978	649.5	1,487.4	2,136.9	12.7	2,149.6
1979	726.2	1,749.7	2,475.9	6.0	2,481.9
1980	689.3	1,943.4	2,632.7	8.3	2,641.0
1981	765.2	2,147.9	2,913.1	11.9	2,925.0
1982	824.3	2,162.4	2,986.7	7.4	2,994.1
1983	789.9	2,222.5	3,012.4	30.1	3,042.5
1984	861.8	2,242.0	3,103.8	80.7	3,184.5
1985	998.9	2,183.8	3,182.7	28.6	3,211.3
1986	905.3	2,238.5	3,143.8	44.6	3,188.4
1987	903.5	2,309.5	3,213.0	71.8	3,284.8
1988	935.4	2,348.3	3,283.7	64.9	3,348.6
1989	976.5	2,565.7	3,542.3	-	-

PENNSYLVANIA: FARM BALANCE SHEET (INCLUDING OPERATOR HOUSEHOLDS), DECEMBER 31, 1984-88 1/

Item	1984	1985	1986	1987	1988
			Million Dollars		
Total farm assets	19,017.0	18,300.6	20,614.7	21,599.7	24,966.2
Real estate	13,137.0	12,611.5	14,662.7	15,279.6	18,268.2
Livestock and poultry	1,246.7	1,133.3	1,209.3	1,392.3	1,444.8
Machinery and motor vehicles	2,130.3	1,952.8	1,769.8	1,659.9	1,656.3
Crops 2/	803.1	663.6	589.0	635.4	470.8
Household equip. and furnishings	858.2	986.4	1,350.0	1,498.4	1,999.6
Deposits and currency	357.6	386.9	450.1	482.0	497.2
U.S. savings bonds	66.5	72.6	83.6	92.1	99.0
Investments in cooperatives	417.6	493.5	500.2	520.0	530.3
Total farm debt	2,927.4	2,707.2	2,509.5	2,376.8	2,412.5
Real estate debt 3/	1,639.2	1,544.7	1,416.3	1,401.3	1,376.6
Nonreal estate debt 4/	1,288.2	1,162.5	1,093.2	975.4	1,035.9
Equity	16,089.6	15,593.4	18,105.1	19,182.9	22,553.7
			Ratio		
Equity/assets	84.6	85.2	87.8	89.0	90.3
Debt/equity	18.2	17.4	13.9	12.4	10.7
Debt/assets: Total	15.4	14.8	12.2	11.0	9.7
Debt/assets: Real estate	12.5	12.2	9.7	9.2	7.5
Debt/assets: Nonreal estate	21.9	20.4	18.4	15.5	15.5
Net farm income/debt 5/	28.7	27.9	34.2	40.8	37.3

1/ Data are for farms with annual sales of $1,000 or more. 2/ All crops held on farms including value above loan rates for crops held under CCC. 3/ Includes CCC storage and drying facilities loans. 4/ Includes debt owed to institutional lenders and to noninstitutional or miscellaneous lenders. 5/ Total debt in this ratio is an average for the year.

PENNSYLVANIA: FARM INCOME INDICATORS, 1984-1988

Item	1984	1985	1986	1987	1988
			Million Dollars		
Gross Farm Income 1/	3,856.4	3,663.3	3,632.5	3,752.5	3,806.1
Cash income	3,251.7	3,294.0	3,264.7	3,353.8	3,419.2
Farm marketings	3,103.8	3,182.7	3,143.7	3,213.0	3,283.7
Crops	861.8	998.9	905.2	903.5	935.4
Livestock and products	2,242.0	2,183.8	2,238.5	2,309.5	2,348.3
Government payments	80.7	28.6	44.6	71.8	64.9
Other farm income	67.2	82.6	76.4	69.0	70.6
Machine hire/customwork	8.6	11.8	7.6	11.8	10.5
Other farm-related income	58.6	70.8	68.8	57.3	60.1
Noncash income	438.4	395.2	378.1	440.2	468.1
Value of home consumption	39.7	33.5	32.8	34.8	34.1
Rental value of dwellings	398.6	361.8	345.3	405.5	433.9
Operators dwellings	394.2	357.8	341.7	401.9	430.6
Hired laborers dwellings	4.4	4.0	3.6	3.5	3.4
Value of inventory adjustment	166.4	-26.0	-10.3	-41.6	-81.1
Total production expenses 1/	3,013.5	2,876.9	2,741.7	2,755.0	2,914.0
Intermediate product expenses	1,754.9	1,668.4	1,564.0	1,592.6	1,689.9
Farm origin	801.2	757.7	696.5	715.7	841.6
Feed	636.3	593.6	539.6	547.0	676.2
Livestock and Poultry	103.4	104.5	103.8	115.1	109.5
Seed	61.4	59.6	53.1	53.6	55.9
Manufactured inputs	364.9	360.1	287.7	295.1	282.3
Fertilizer and lime	124.0	127.1	98.1	97.8	76.7
Pesticides	52.8	55.3	49.7	50.8	52.3
Fuel and oil	127.1	117.1	85.2	79.0	80.8
Electricity	61.0	60.6	54.7	67.4	72.5
Other	588.9	550.5	579.7	581.8	565.9
Repair and operation	178.2	187.6	206.6	213.1	228.8
Other miscellaneous 2/	410.6	362.9	373.2	368.7	337.1
Interest	279.4	266.6	243.8	228.5	240.4
Real estate	172.1	143.1	132.3	120.3	131.4
Nonreal estate	107.3	123.5	111.5	108.2	108.9
Contract and hired labor expenses	239.8	242.3	243.9	266.4	275.7
Cash labor expenses	225.4	229.3	232.8	252.9	262.7
Perquisites	14.4	13.0	11.1	13.4	13.0
Net rent to nonoperator landlords	-7.1	-15.2	-20.5	-19.6	-27.2
Capital consumption	662.7	622.2	617.0	586.6	622.3
Property taxes	83.8	92.5	93.6	100.6	113.0
NET FARM INCOME	842.9	786.4	890.8	997.4	892.1
Cash income 3/	3,251.7	3,294.0	3,264.7	3,353.8	3,419.2
Cash expenses 3/	2,257.7	2,162.8	2,029.4	2,062.2	2,167.9
Intermediate product expenses	1,713.2	1,619.3	1,502.9	1,529.5	1,613.3
Interest	251.3	247.4	233.5	212.7	221.8
Cash labor expenses	225.4	229.3	232.8	252.9	262.7
Net rent to nonoperator landlords	-7.1	-15.2	-20.5	-19.6	-27.2
Property taxes	74.9	82.0	80.7	86.6	97.2
NET CASH INCOME	994.0	1,131.1	1,235.3	1,291.7	1,251.3
Cash income	3,251.7	3,294.0	3,264.7	3,353.8	3,419.2
Cash expenses	2,257.7	2,162.8	2,029.4	2,062.2	2,167.9
Capital consumption	539.6	500.3	479.1	452.5	470.0
NET BUSINESS INCOME 4/	454.4	630.9	756.2	839.2	781.3
Gross receipts of farms 5/	3,462.2	3,305.5	3,290.8	3,350.5	3,375.5
Nonfactor payments 3/	2,327.7	2,201.6	2,062.7	2,068.6	2,180.5
Intermediate product expenses	1,713.2	1,619.3	1,502.9	1,529.5	1,613.3
Capital consumption	539.6	500.3	479.1	452.5	470.0
Property taxes	74.9	82.0	80.7	86.6	97.2
Factor payments 3/	1,134.5	1,103.9	1,228.1	1,281.9	1,195.0
Interest	251.3	247.4	233.5	212.7	221.8
Contract and hired labor expenses	239.8	242.3	243.9	266.4	275.7
Net rent to nonoperator landlords	-7.1	-15.2	-20.5	-19.6	-27.2
RETURNS TO OPERATORS 6/	650.5	629.3	777.1	822.4	724.7
Off-farm income 7/	1,033.5	1,131.0	1,185.1	1,241.6	1,372.2
			Number		
Number of farms	58,000	58,000	56,500	56,000	55,000

1/ Includes operator households. 2/ Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses. 3/ Excludes operator households. 4/ Cash income less cash expenses and capital consumption. 5/ Gross farm income less rental value of operators' dwellings. 6/ Gross receipts of farms less nonfactor payments, interest, wages to contract and hired labor, and net rent to non-operator landlords. 7/ Includes off-farm income for members of farm operators' households only.

PENNSYLVANIA: CASH RECEIPTS FROM SALE OF AGRICULTURAL PRODUCTS FROM FARMS BY COMMODITIES, 1984-1988

Commodity	1984	1985	1986	1987	1988
			(000) Dollars		
ALL COMMODITIES	3,103,798	3,182,717	3,143,744	3,213,028	3,283,695
LIVESTOCK PRODUCTS	2,242,027	2,183,827	2,238,541	2,309,504	2,348,291
MEAT ANIMALS	441,157	399,582	418,414	534,618	525,691
Cattle/Calves	303,701	294,681	307,418	380,053	406,934
Hogs	133,953	102,086	108,051	151,319	115,574
Sheep/Lambs	3,503	2,815	2,945	3,246	3,183
DAIRY PRODUCTS	1,305,705	1,311,305	1,316,565	1,340,447	1,343,715
Milk Retail	55,400	59,600	61,395	60,577	58,605
Milk Wholesale	1,250,305	1,251,705	1,255,170	1,279,870	1,285,110
POULTRY/EGGS	448,653	417,155	454,699	388,377	436,463
Broilers	121,006	123,294	136,963	140,843	175,883
Chickens, Farm	7,205	7,603	7,441	6,390	5,450
Eggs	255,660	218,808	230,690	173,899	185,570
Turkeys	64,782	67,450	79,560	67,200	69,520
Other Poultry	NA	NA	45	45	40
MISCELLANEOUS LIVESTOCK	46,512	55,785	48,863	46,062	42,422
All Other Livestock	46,050	55,500	47,560	44,340	40,470
CROPS	861,771	998,890	905,203	903,524	935,404
FOOD GRAINS	23,730	24,735	20,077	17,679	26,245
Wheat	23,018	23,999	19,550	17,013	25,229
FEED CROPS	174,119	298,487	202,814	188,746	194,103
Barley	5,642	2,829	2,615	2,269	3,036
Corn	79,310	206,758	95,321	70,105	89,868
Hay	83,185	78,736	100,410	108,126	90,864
Oats	5,982	10,164	4,468	8,246	10,335
TOBACCO	21,219	20,984	18,330	14,673	15,940
OIL CROPS	30,108	29,203	25,230	25,463	42,035
Soybeans	30,108	29,203	25,230	25,463	42,035
VEGETABLES	80,193	79,157	73,193	75,147	70,693
Potatoes	31,108	29,682	28,193	29,845	22,236
Beans, Snap	2,822	3,196	1,667	2,574	2,550
Corn, Sweet	15,477	13,880	12,693	10,692	12,741
Tomatoes	17,020	16,093	14,180	13,621	16,315
Miscellaneous Vegetables	12,905	15,000	16,000	17,500	16,000
FRUITS/NUTS	88,580	85,505	106,282	103,173	91,658
Apples	51,147	56,339	61,458	60,130	46,856
Cherries	3,411	2,206	4,310	1,444	3,813
Grapes	8,527	7,378	10,810	14,718	12,496
Peaches	16,402	9,376	18,179	14,916	15,704
Strawberries	4,146	3,473	4,190	4,543	5,572
Other Berries	2,500	4,000	4,100	4,100	3,900
Miscellaneous Fruits & Nuts	1,400	2,000	2,000	2,500	2,300
ALL OTHER CROPS	443,822	460,819	459,277	478,643	494,730
Mushrooms	196,488	178,937	170,600	187,565	208,300
Other Seeds	650	750	750	700	600
Other Field Crops	2,250	3,000	3,000	3,000	2,750
Greenhouse/Nursery	244,434	278,132	284,927	287,378	283,080

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF AGRICULTURAL CROPS, BY COUNTIES, 1988 1/

County & District	Crops				Total All Crops
	Field	Vegetables & Potatoes	Fruits	Horticulture & Mushrooms	
			(000) Dollars		
Crawford	6,721	800	65	857	8,443
Erie	4,299	6,066	15,520	11,386	37,271
Forest	105	0	1	0	106
Mercer	6,033	833	134	9,081	16,081
Venango	1,311	114	80	292	1,797
Warren	1,316	412	13	269	2,010
NORTHWESTERN, TOTAL	**19,785**	**8,225**	**15,813**	**21,885**	**65,708**
Bradford	6,093	325	147	1,168	7,733
Cameron	44	0	1	0	45
Clinton	1,867	688	13	285	2,853
Elk	306	42	2	0	350
Lycoming	5,335	710	407	6,142	12,594
McKean	343	41	17	355	756
Potter	1,197	2,083	6	0	3,286
Sullivan	591	75	2	0	668
Tioga	4,288	62	205	221	4,776
NORTH CENTRAL, TOTAL	**20,064**	**4,026**	**800**	**8,171**	**33,061**
Lackawanna	864	1,886	53	763	3,566
Susquehanna	2,556	148	68	169	2,941
Wayne	1,786	73	146	593	2,598
Wyoming	1,275	261	43	683	2,262
NORTHEASTERN, TOTAL	**6,481**	**2,368**	**310**	**2,208**	**11,367**
Armstrong	2,323	253	181	34,997	37,754
Beaver	1,321	391	278	3,489	5,479
Butler	3,964	1,646	206	23,584	29,400
Clarion	2,049	406	84	819	3,358
Indiana	3,670	1,039	191	11,612	16,512
Jefferson	1,459	181	15	1,017	2,672
Lawrence	3,610	323	203	3,065	7,201
WEST CENTRAL, TOTAL	**18,396**	**4,239**	**1,158**	**78,583**	**102,376**
Blair	2,484	466	1,261	1,504	5,715
Cambria	1,643	2,914	62	2,740	7,359
Centre	5,020	2,672	389	971	9,052
Clearfield	1,090	55	88	1,702	2,935
Columbia	5,072	3,175	660	8,019	16,926
Dauphin	4,736	560	575	2,803	8,674
Huntingdon	2,615	115	53	33	2,816
Juniata	3,224	116	983	580	4,903
Mifflin	2,766	88	201	536	3,591
Montour	2,547	596	78	1,638	4,859
Northumberland	6,720	2,782	507	2,234	12,243
Perry	3,708	129	177	318	4,332
Snyder	3,335	919	1,530	504	6,288
Union	3,929	324	52	275	4,580
CENTRAL, TOTAL	**48,889**	**14,911**	**6,616**	**23,857**	**94,273**
Carbon	665	393	13	983	2,054
Lehigh	6,463	2,049	4,438	5,682	18,632
Luzerne	1,902	3,213	317	2,979	8,411
Monroe	1,106	203	35	636	1,980
Northampton	6,939	917	989	2,599	11,444
Pike	87	112	4	1,014	1,217
Schuylkill	3,327	3,548	756	1,168	8,799
EAST CENTRAL, TOTAL	**20,489**	**10,435**	**6,552**	**15,061**	**52,537**
Allegheny	678	733	1,434	12,902	15,747
Fayette	2,428	448	25	3,391	6,292
Greene	1,045	79	47	1,138	2,309
Somerset	3,913	1,205	75	1,977	7,170
Washington	3,976	904	618	3,196	8,694
Westmoreland	4,594	870	151	7,379	12,994
SOUTHWESTERN, TOTAL	**16,634**	**4,239**	**2,350**	**29,983**	**53,206**
Adams	6,663	722	32,639	6,329	46,353
Bedford	4,271	187	1,364	210	6,032
Cumberland	5,798	758	1,707	4,866	13,129
Franklin	8,803	591	11,511	2,147	23,052
Fulton	1,959	17	17	59	2,052
York	16,468	7,197	4,205	8,845	36,715
SOUTH CENTRAL, TOTAL	**43,962**	**9,472**	**51,443**	**22,456**	**127,333**
Berks	15,111	1,251	2,848	62,422	81,632
Bucks	6,809	2,653	486	19,099	29,047
Chester	12,463	905	976	157,985	172,329
Delaware	298	123	131	12,736	13,288
Lancaster	40,600	6,440	1,611	16,489	65,140
Lebanon	8,069	643	308	5,987	15,007
Montgomery	3,623	763	256	14,458	19,100
Philadelphia	0	0	0	0	0
SOUTHEASTERN, TOTAL	**86,973**	**12,778**	**6,616**	**289,176**	**395,543**
PENNSYLVANIA	**281,673**	**70,693**	**91,658**	**491,380**	**935,404**

1/ Totals may not add due to rounding.

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF LIVESTOCK AND LIVESTOCK PRODUCTS, GOVERNMENT PAYMENTS AND TOTAL CASH RECEIPTS BY COUNTIES, 1988

County & District	Livestock And Products				Government Payments 1/	Total All Crops, Livestock Products & Gov't Payments
	Meat Animals & Misc. Livestock	Dairy	Poultry	Total Livestock & Products		
	(000) Dollars					
Crawford	12,583	40,559	2,178	55,320	1,285	65,048
Erie	8,692	30,475	416	39,583	1,043	77,897
Forest	300	622	3	925	24	1,055
Mercer	9,522	23,350	270	33,142	1,599	50,822
Venango	2,951	3,786	37	6,774	244	8,815
Warren	4,249	10,666	119	15,034	102	17,146
NORTHWESTERN, TOTAL	**38,297**	**109,458**	**3,023**	**150,778**	**4,297**	**220,783**
Bradford	22,556	73,786	2,620	98,962	825	107,520
Cameron	110	157	3	270	5	320
Clinton	3,337	6,953	316	10,606	773	14,232
Elk	755	1,180	830	2,765	31	3,146
Lycoming	6,600	14,999	866	22,465	1,725	36,784
McKean	1,519	3,582	14	5,115	83	5,954
Potter	3,652	13,058	11	16,721	217	20,224
Sullivan	1,663	5,162	8	6,833	124	7,625
Tioga	11,549	37,546	231	49,326	582	54,684
NORTH CENTRAL, TOTAL	**51,741**	**156,423**	**4,899**	**213,063**	**4,365**	**250,489**
Lackawanna	2,079	5,136	17	7,232	170	10,968
Susquehanna	10,277	36,088	158	46,523	248	49,712
Wayne	7,082	26,394	22	33,498	63	36,159
Wyoming	3,385	12,539	9	15,933	305	18,500
NORTHEASTERN, TOTAL	**22,823**	**80,157**	**206**	**103,186**	**786**	**115,339**
Armstrong	5,082	9,244	55	14,381	736	52,871
Beaver	3,259	6,584	237	10,080	61	15,620
Butler	7,841	11,559	439	19,839	728	49,967
Clarion	4,220	9,381	47	13,648	651	17,657
Indiana	7,991	16,476	96	24,563	737	41,812
Jefferson	3,699	7,191	41	10,931	231	13,834
Lawrence	6,546	14,222	1,225	21,993	863	30,057
WEST CENTRAL, TOTAL	**39,638**	**74,657**	**2,140**	**115,435**	**4,007**	**221,818**
Blair	7,271	29,202	503	36,976	548	43,239
Cambria	3,481	4,907	284	8,672	516	16,547
Centre	9,598	26,822	177	36,597	1,305	46,954
Clearfield	2,523	5,552	27	8,102	256	11,293
Columbia	4,612	6,637	1,418	12,667	1,603	31,196
Dauphin	7,628	13,357	12,757	33,742	820	43,236
Huntingdon	7,507	22,768	3,772	34,047	883	37,746
Juniata	6,092	18,140	17,415	41,647	980	47,530
Mifflin	8,558	31,604	4,984	45,146	530	49,267
Montour	2,675	4,488	996	8,159	846	13,864
Northumberland	8,429	9,026	9,833	27,288	2,489	42,020
Perry	6,188	18,007	9,265	33,460	1,520	39,312
Snyder	7,539	13,836	13,995	35,370	433	42,091
Union	6,760	14,227	9,186	30,173	682	35,435
CENTRAL, TOTAL	**88,861**	**218,573**	**84,612**	**392,046**	**13,411**	**499,730**
Carbon	586	632	140	1,358	346	3,758
Lehigh	3,260	3,661	11,824	18,745	1,604	38,981
Luzerne	2,141	5,099	789	8,029	656	17,096
Monroe	886	1,003	15	1,904	421	4,305
Northampton	4,525	12,352	1,040	17,917	2,413	31,774
Pike	162	176	9	347	30	1,594
Schuylkill	4,983	5,333	12,988	23,304	1,427	33,530
EAST CENTRAL, TOTAL	**16,543**	**28,256**	**26,805**	**71,604**	**6,897**	**131,038**
Allegheny	2,175	1,646	285	4,106	68	19,921
Fayette	5,500	7,822	632	13,954	592	20,838
Greene	4,937	2,939	25	7,901	150	10,360
Somerset	12,754	35,327	870	48,951	861	56,982
Washington	12,279	15,839	97	28,215	355	37,264
Westmoreland	9,295	19,022	672	28,989	910	42,893
SOUTHWESTERN, TOTAL	**46,940**	**82,595**	**2,581**	**132,116**	**2,936**	**188,258**
Adams	11,085	17,422	40,845	69,352	2,029	117,734
Bedford	12,602	34,762	290	47,654	815	54,501
Cumberland	14,341	44,241	7,198	65,780	2,058	80,967
Franklin	27,000	84,218	12,598	123,816	1,537	148,405
Fulton	5,268	10,799	31	16,098	692	18,842
York	20,763	28,647	18,339	67,749	2,176	106,640
SOUTH CENTRAL, TOTAL	**91,059**	**220,089**	**79,301**	**390,449**	**9,307**	**527,089**
Berks	23,246	53,332	11,759	88,337	2,284	172,253
Bucks	4,816	9,980	159	14,955	615	44,617
Chester	18,436	51,981	10,351	80,768	1,630	254,727
Delaware	607	589	3	1,199	110	14,597
Lancaster	103,596	205,011	181,132	489,739	1,785	556,664
Lebanon	17,652	43,451	28,266	89,369	661	105,037
Montgomery	4,858	9,163	1,226	15,247	627	34,974
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**173,211**	**373,507**	**232,896**	**779,614**	**7,712**	**1,182,869**
PENNSYLVANIA	**568,113**	**1,343,715**	**436,463**	**2,348,291**	**53,718**	**3,337,413**

1/ Differs from Government payments shown in preceding tables due to different accounting periods used.

AGRICULTURAL EXPORTS - 1989

By P. GREGORY TRUCKOR

PENNSYLVANIA: Agricultural exports from the Keystone State during the fiscal year (FY) October 1988-September 1989 were valued at $270.3 million. This represents an increase of 13 percent from the $239.8 worth of commodities exported in FY 1988.

Pennsylvania exports ranked fifth in dairy products and tenth in prepared fruits, hides and skins, poultry and poultry products, and animal fats.

UNITED STATES: The value of agricultural exports for the U.S. during FY 1989 totaled $39.7 billion, an increase of 12 percent from the $35.4 billion in FY 1988.

California was the leading export state in FY 1989. The total value of their exports were $3.6 billion. Other leading states and their value were: Nebraska and Iowa, $3.0 billion; Kansas, $2.8 billion; Texas and Illinois, $2.6 billion and Minnesota, $1.8 billion.

METHODOLOGY: State agricultural export estimates are based on the assumption that if a state contributes a certain percentage of U.S. production for each commodity, it receives the same percentage in export revenues. Additional information, such as estimated feed use by state, wheat shipments by type, and customs data by port of export is incorporated into the estimating procedures when appropriate.

U.S. & PA AGRICULTURAL EXPORTS: ESTIMATED VALUE BY COMMODITY GROUP, FISCAL YEARS 1986-89

Commodity and Year		Pennsylvania	United States	Commodity and Year		Pennsylvania	United States
			-------- Million Dollars --------				
Soybeans & Products	1986	15.8	5,578.5	Poultry & Products	1986	16.0	455.3
	1987	16.1	5,752.9		1987	22.2	594.3
	1988	22.6	6,972.2		1988	23.4	647.4
	1989	29.2	5,773.5		1989	26.5	728.2
Tobacco - Unmanufactured	1986	3.9	1,317.5	Fats, Oils & Greases	1986	14.1	476.5
	1987	3.8	1,203.1		1987	13.6	416.8
	1988	4.8	1,297.1		1988	16.9	544.6
	1989	7.2	1,273.9		1989	16.0	530.8
Fruits - Prepared	1986	8.8	1,237.0	Dairy Products	1986	22.9	431.0
	1987	10.1	1,466.2		1987	28.4	490.6
	1988	15.0	1,714.1		1988	26.7	535.5
	1989	16.0	1,800.3		1989	26.4	474.7
Vegetables - Prepared	1986	6.0	998.2	Feeds & Fodders	1986	6.7	557.0
	1987	5.5	1,175.8		1987	6.5	671.9
	1988	5.4	1,280.5		1988	9.2	874.3
	1989	6.2	1,545.7		1989	11.2	1,061.1
Live Animals & Meat	1986	30.0	1,356.7	Seeds	1986	1.5	366.4
	1987	41.7	1,630.2		1987	1.5	371.1
	1988	54.2	2,248.6		1988	1.7	414.7
	1989	69.0	2,829.8		1989	2.0	500.1
Hides & Skins	1986	38.7	1,440.4	Other	1986	4.3	1,427.8
	1987	48.5	1,665.6		1987	5.7	1,656.3
	1988	53.2	1,836.8		1988	6.7	1,944.9
	1989	49.9	1,713.0		1989	10.7	2,604.9
				Total	1986	168.7	26,306.9 1/
					1987	203.6	27,876.2 1/
					1988	239.8	35,378.7 1/
					1989	270.3	39,651.0 1/

1/ Includes value for some commodities not shown separately which are not produced or exported from Pennsylvania.

RECORD HIGHS AND LOWS IN PENNSYLVANIA AGRICULTURE (CONTINUED)1/

Fruit	Year Estimates Started	Units	Production		
			Record	Total	Year
Apples.....	1889	Mil. Lbs.	High	1,114	1896
			Low	78	1921
Tart Cherries.....	1938	Mil. Lbs.	High	35.0	1964
			Low	3.2	1977
Sweet Cherries.....	1938	Ton	High	2,200	1940
			Low	200	1972
Peaches.....	1899	Mil. Lbs.	High	148.8	1954
			Low	6.9	1899
Pears.....	1909	Ton	High	21,125	1920
			Low	1,900	1973
Grapes.....	1909	Ton	High	78,000	1983
			Low	6,000	1945

Livestock & Products	Year Estimates Started	Units	Inventory January 1 Or Production		
			Record	Total	Year
Cattle & Calves.....	1867	1,000	High	2,100	1982
			Low	1,250	1927
Milk Cows.....	1867	1,000	High	1,039	1956
			Low	670	1867
Hogs & Pigs.....	1867	1,000	High	1,265	1919
			Low	386	1966
Sheep.....	1867	1,000	High	2,985	1867
			Low	88	1984
Chickens (All).....	1924	1,000	High	26,188	1946
			Low	13,850	1975
Turkeys (Raised).....	1929	1,000	High	8,400	1989
			Low	192	1929
Broilers Produced.....	1939	1,000	High	127,700	1989
			Low	2,500	1939
Milk.....	1929	Mil. Lbs.	High	10,204	1988
			Low	2,242	1929
Eggs.....	1924	Mil. Eggs	High	5,317	1988
			Low	1,649	1924
Wool.....	1909	1,000 Lbs.	High	4,514	1911
			Low	570	1985

1/ In some cases the record high and/or low is indentical for more than one year. In such cases the year shown is the latest year of occurrence.

RECORD HIGHS AND LOWS IN PENNSYLVANIA AGRICULTURE 1/

Field Crops & Vegetables	Year Estimates Started	Record	Acreage		Yield			Production	
			Harvested	Year	Unit	Per Acre	Year	Total	Year
Corn For Grain.....	1919	High	1,861	1981	Bu.	110	1985	151,800	1985
		Low	672	1966		22	1930	19,074	1930
Corn For Silage.....	1919	High	550	1988	Ton	16.5	1985	7,448	1982
		Low	156	1921		6.0	1930	1,326	1923
Wheat.....	1866	High	1,610	1901	Bu.	53	1988	26,565	1901
		Low	170	1988		10.5	1872	7,095	1978
Oats.....	1866	High	1,330	1888	Bu.	70	1985	44,165	1918
		Low	255	1989		17.5	1890	13,000	1988
Barley.....	1866	High	245	1955	Bu.	66	1988	9,900	1967
		Low	7	1915		17.5	1901	130	1914
Rye.....	1866	High	398	1879	Bu.	37	1985	4,368	1891
		Low	11	1981		9	1870	186	1951
Soybeans.....	1924	High	245	1988	Bu.	35	1986	10,370	1989
		Low	2	1935		13	1957	33	1935
All Hay.....	1866	High	3,300	1892	Ton	2.66	1985	5,302	1985
		Low	1,870	1976		1.00	1911	2,255	1866
Alfalfa Hay.....	1919	High	850	1987	Ton	3.30	1985	2,772	1985
		Low	31	1919		1.60	1957	65	1919
Potatoes.....	1866	High	308	1917	Cwt.	260	1985	19,662	1934
		Low	20.5	1989		38	1876	3,690	1988
Tobacco.....	1866	High	49	1918	Lbs.	2,050	1981	72,275	1918
		Low	3	1869		730	1881	3,390	1867
Mushrooms.....	1966	High	-	-	Lbs.	-	-	294,070	1989
		Low	-	-		-	-	93,000	1966
Snap Beans (Proc.)..	1918	High	10.0	1965	Ton	3.43	1985	18.5	1967
		Low	.1	1921		.80	1930	.3	1921
Sweet Corn (Fresh)..	1939	High	29.4	1944	Cwt.	85	1989	1,250	1944
		Low	10.9	1972		35	1939	545	1972
Sweet Corn (Proc.)..	1918	High	16.7	1943	Ton	4.89	1989	44.9	1956
		Low	1.1	1921		.90	1930	3.0	1921
Strawberries.....	1918	High	4.1	1937	Cwt.	47	1989	125.3	1937
		Low	1.1	1974		14	1945	2.7	1945
Tomatoes (Fresh)....	1918	High	4.9	1988	Cwt.	200	1989	800	1989
		Low	.5	1926		53	1926	27	1926
Tomatoes (Proc.)....	1918	High	37.2	1945	Ton	20.8	1976	225.0	1958
		Low	.9	1921		2.9	1946	4.3	1921

1/ In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

PENNSYLVANIA: RANKING OF STATES IN CROP PRODUCTION, 1989

Item	1	2	3	4	5	6	7	8	9	10	PA if Not in Top 10
Corn for Grain	IA	IL	NE	MN	IN	OH	WI	MI	MO	SD	15
Corn for Silage	WI	NY	PA	MN	IA	CA	NE	MI	SD	OH	-
Winter Wheat	KS	OK	IL	MO	WA	OH	TX	CO	ID	NE	28
Oats	IA	WI	MN	SD	ND	MI	IL	OH	PA	NY	-
Barley	ND	MT	ID	MN	WA	SD	CA	CO	OR	UT	12
Rye	SD	GA	MN	ND	MI	SC	NE	PA	OK	NC	-
All Hay	TX	CA	WI	MO	IA	MN	NE	KS	KY	MI	12
All Other Hay	TX	MO	KY	OK	TN	KS	NY	PA	OH	AR	-
Alfalfa Hay	WI	CA	IA	MI	MN	NE	ID	KS	MT	IL	14
Soybeans for Beans	IL	IA	MN	IN	OH	MO	NE	AR	KS	SD	25
Tobacco	NC	KY	SC	VA	TN	GA	PA	FL	OH	IN	-
Potatoes (All)	ID	WA	WI	OR	CO	ME	CA	MN	ND	MI	13
Apples	WA	NY	MI	CA	PA	VA	NC	OR	ID	OH	-
Peaches	CA	SC	GA	PA	NJ	MI	WA	OK	AL	VA	-
Pears	WA	CA	OR	NY	MI	PA	CO	UT	CT	-	-
Grapes	CA	WA	NY	PA	MI	AZ	OH	OR	AR	MO	-
Cherries, Sweet	WA	OR	CA	MI	ID	UT	NY	PA	-	-	-
Cherries, Tart	MI	UT	MI	OR	WI	PA	CO	-	-	-	-
Mushrooms	PA	CA	MI	OR	OH	IN	GA	DE	NY	MD	-
Sweet Corn, Fresh Market	FL	CA	NY	PA	OH	MI	MA	NJ	IL	CO	-
Processing	WI	MN	WA	OR	IL	ID	NY	DE	MD	PA	-
Tomatoes, Fresh Market	FL	CA	SC	VA	PA	GA	TN	NJ	NY	OH	-
Processing	CA	OH	IN	MI	PA	NY	NJ	MD	DE	CO	-
Snap Beans, Processing	WI	OR	IL	NY	MI	MN	IN	PA	TN	GA	-
Strawberries	CA	FL	OR	NY	MI	WA	NC	PA	WI	OH	-
Floriculture Crops (Wholesale Value)	CA	FL	NY	OH	MI	TX	PA	NC	NJ	CO	-

PENNSYLVANIA: RANKING OF COUNTIES IN CROP PRODUCTION, 1989

Item	1	2	3	4	5	6	7	8	9	10
Wheat	York	Lanc.	Berks	Frank.	Adams	Cumb.	Lehigh	Chester	North'ld	North'tn
Corn for Grain	Lanc.	York	Berks	Frank.	Chester	Cumb.	North'tn	Lebanon	North'ld	Adams
Corn for Silage	Lanc.	Frank.	Cumb.	Brad.	Berks	Lebanon	Chester	Bedford	Blair	Somer.
Oats	Somer.	Ind.	Cambria	Butler	Craw.	West.	Mercer	Centre	Berks	Schuyl.
Barley	York	Lanc.	Frank	Berks	Cumb.	Chester	Dauphin	Lebanon	Adams	Lehigh
Soybeans	York	Lanc.	Chester	Bucks	Lebanon	Adams	Berks	Mont.	North'ld.	Lehigh
Alfalfa Hay	Lanc.	Frank.	Berks	Brad.	Chester	Bedford	Cumb.	Centre	Wash.	West.
All Other Hay	Brad.	Tioga	Craw.	Susq.	Frank.	Erie	Wayne	Lanc.	Adams	Somer.
All Hay	Lanc.	Brad.	Frank.	Tioga	Berks	Craw.	Chester	Bedford	Susq.	Somer.
Potatoes	Erie	Cambria	Lanc.	York	Potter	Schuyl.	Lehigh	Somer.	Luzerne	Butler
Tobacco	Lanc.	Chester	Lebanon	Berks	York	Snyder	North'ld.	Centre	Montour	Cumb.
Apples	Adams	Frank.	Lehigh	Alleg.	York	Berks	Blair	Cumb.	Snyder	Erie
Peaches	Adams	Frank	Lehigh	York	Berks	Lanc.	Snyder	North'tn.	Juniata	Columbia

PENNSYLVANIA: RANKING OF STATES IN LIVESTOCK, POULTRY AND CASH RECEIPTS

Item	1	2	3	4	5	6	7	8	9	10	PA if Not in Top 10
LIVESTOCK INVENTORY 1/1/90											
All Cattle & Calves.....	TX	NE	KS	OK	CA	IA	MO	WI	SD	CO	17
Milk Cows.....	WI	CA	NY	MN	**PA**	TX	OH	MI	IA	MO	-
Hogs & Pigs 1/.....	IA	IL	MN	IN	NE	MO	NC	OH	SD	KS	14
Sheep & Lambs.....	TX	CA	WY	CO	MT	SD	UT	NM	IA	OR	21
POULTRY INVENTORY: 1/											
All Chickens, Excluding Broilers.....	CA	IN	GA	**PA**	AR	OH	NC	TX	AL	FL	-
Layers.....	CA	IN	**PA**	GA	OH	AR	TX	NC	FL	AL	-
Turkeys Raised.....	NC	MN	CA	AR	MO	VA	IN	**PA**	IA	SC	-
LIVESTOCK & POULTRY PRODUCTION, 1989:											
Milk Production.....	WI	CA	NY	MN	**PA**	TX	MI	OH	IA	WA	-
Milk Production Per Cow.	NM	WA	CA	CO	AZ	OR	ID	CT	UT	MI	18
Egg Production.....	CA	IN	**PA**	OH	GA	AR	NC	TX	FL	MN	-
Broilers Produced.....	AR	GA	AL	NC	MS	TX	MD	DE	CA	VA	11
Egg-Type Chick Hatch....	IN	**PA**	CA	FL	IA	MN	AL	GA	MO	AR	-
Broiler Chick Hatch.....	AR	AL	GA	NC	MS	MD	TX	DE	VA	**PA**	-
SLAUGHTER IN COMMERCIAL PLANTS: HEAD (1989)											
Cattle.....	KS	TX	NE	CO	IA	IL	WI	CA	MN	**PA**	-
Calves.....	NY	WI	**PA**	IN	IL	TX	CA	OH	FL	NJ	-
Hogs.....	IA	IL	MN	NE	MI	VA	IN	SD	MO	OH	15
Sheep & Lambs.....	CO	CA	TX	IA	KS	MN	MI	IL	WA	**PA**	-
Total Red Meat (lbs.)...	IA	NE	KS	TX	IL	CO	MN	CA	SD	MI	11
CASH RECEIPTS (1988):											
Total.....	CA	TX	IA	NE	KS	IL	MN	FL	WI	NC	19
Livestock & Products..	TX	NE	IA	CA	WI	KS	MN	CO	**PA**	OK	-
Crops.....	CA	FL	IL	IA	TX	MN	NE	IN	KS	WA	28

1/ Inventory December 1, 1989.

PENNSYLVANIA: RANKING OF COUNTIES IN LIVESTOCK, POULTRY, NUMBER OF FARMS AND CASH RECEIPTS

Item	1	2	3	4	5	6	7	8	9	10
INVENTORY, JANUARY 1, 1990:										
Cattle & Calves.....	Lanc.	Brad.	Frank.	Berks	Chester	York	Bed.	Leb.	Cumb.	Tioga.
Hogs & Pigs 1/.....	Lanc.	York	Berks	Leb.	Frank.	Nth'ld.	Cumb.	Adams	Snyder	Schuyl.
Sheep & Lambs.....	Greene	Wash.	Lanc.	Brad.	Mercer	York	Butler	Berks	Somer.	Chester
Chickens, Excluding Broilers 1/.	Lanc.	Adams	Leb.	Frank.	Dauphin	York	Cumb.	Juniata	Berks	North'ld
Cows in Milking Herd, 1989.....	Lanc.	Frank.	Brad.	Berks	Chester	Craw.	Cumb.	Leb.	Tioga	Bed.
PRODUCTION, 1989:										
Broilers Raised.....	Lanc.	Leb.	Juniata	Berks	Snyder	Perry	Nth'ld.	Dauphin	Schuyl.	Frank.
Milk Production.....	Lanc.	Frank.	Brad.	Berks	Chester	Cumb.	Leb.	Craw.	Somer.	Bed.
Egg Production.....	Lanc.	Adams	Leb.	Frank.	York	Dauphin	Cumb.	Chester	Schuyl.	Berks
NUMBER OF FARMS.....	Lanc.	York	Berks	Wash.	Chester	Frank.	Brad.	Erie	Mest.	Craw.
CASH RECEIPTS, 1988.....	Lanc.	Chester	Berks	Frank.	Adams	Brad.	York	Leb.	Cumb.	Erie

1/ Inventory December 1, 1989.

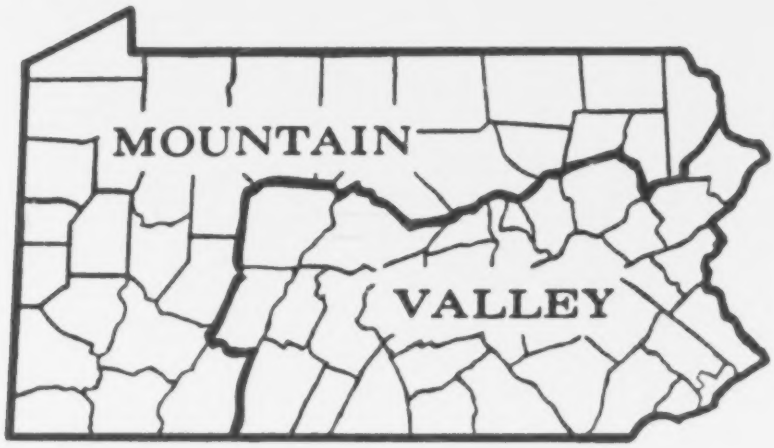
MACHINERY CUSTOM RATES

By MARK E. HUDSON

The custom rates shown are averages from voluntary reports by custom operators throughout Pennsylvania. Most of the rates are stated per acre, cwt., ton, bale, or bushel rather than per hour to reduce the variation due to machinery size. Individual rates vary due to differences in working conditions, services performed, or even the operator's eagerness to do custom work. Therefore, the average rates shown should not be considered absolute indications of fair charges.

Acreage rates are shown separately for two regions of the state, labeled **"Mountain"** and **"Valley"**. The differences in rates between regions reflect differences in terrain, soils and alternative opportunities for the labor and equipment used. Figures labeled **"The State"** represent the straight average of all reports used regardless of geographic location.

Most custom rates are higher this year. Of the 65 rates reported, 84 percent have increased, 9 percent have decreased, and the remaining 7 percent are the same as last year. The overall average is up 2 percent from the previous year. This percentage increase was computed by adding the rates for all jobs, regardless of basis of charge, and dividing by last year's comparable total.



CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1990

JOB	BASIS OF CHARGE	MOUNTAIN SECTION	VALLEY SECTION	STATE
		Harvesting		
Corn Picking	Acre	$ 19.50	$ 19.30	$ 19.40
Corn Picking and Shelling	Acre	23.20	22.20	22.70
Corn Combining	Acre	24.20	22.90	23.50
Corn Drying (23 Percent)	Bu.	.26	.26	.26
Combining Small Grains	Acre	21.20	21.40	21.30
Hay Making:				
Mowing	Acre	7.20	7.90	7.60
Mowing and Conditioning	Acre	8.50	9.10	8.80
Raking	Acre	4.70	4.90	4.80
Pick-up Baling:				
Twine	Bale	.30	.30	.30
Wire	Bale	.39	.38	.38
Cut, Rake, Bale and Store	Bale	.71	.76	.73
Large Round Baler (Avg. = 1,070 Lbs)	Bale	6.00	5.50	5.70
Stacker-Wagon (Avg. = 1 Ton)	Stack	18.30	18.50	18.40
Silage Making:				
Pull-Type Chopper and Tractor	Hour	30.90	33.80	32.40
Self-Propelled Chopper	Hour	47.60	53.60	50.60
Blower	Hour	5.00	5.70	5.40
1 Man, 2 Wagons, 1 Tractor	Hour	26.10	27.00	26.60
2 Men, 2 Wagons, 2 Tractors	Hour	39.10	39.20	39.20

CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1990 - CONTINUED

JOB	BASIS OF CHARGE	MOUNTAIN SECTION	VALLEY SECTION	STATE
		Plowing And Cultivating		
Plowing, Moldboard Plow:				
Spring, Stubble	Acre	$ 10.40	$ 11.40	$ 10.90
Sod	Acre	11.50	12.50	12.00
Fall, Stubble	Acre	10.70	11.40	11.00
Sod	Acre	12.30	12.30	12.30
Plowing, Deep (10 Inches or More)	Acre	13.00	13.70	13.40
Plowing, Chisel	Acre	10.80	10.90	10.90
Plowing, Disk	Acre	10.40	10.70	10.60
Disking, Tandem	Acre	9.00	9.20	9.10
With Harrow or Cultipacker	Acre	9.90	10.40	10.20
Harrowing:				
Spike Tooth	Acre	7.20	7.10	7.10
Spring Tooth	Acre	7.50	7.50	7.50
Cultivating	Acre	8.00	8.20	8.10
		Planting and Drilling		
Planting Corn With Fertilizer:				
Conventional-Till Planting	Acre	10.10	10.60	10.40
Reduced-Till Planting	Acre	11.40	11.50	11.50
No-Till	Acre	12.50	12.90	12.70
Planting Soybeans, Without Fertilizer:				
Conventional-Till	Acre	9.50	9.90	9.70
Reduced-Till	Acre	11.40	11.50	11.50
No-Till	Acre	13.00	13.40	13.40
Drilling Small Grain:				
Without Fertilizer	Acre	7.90	8.60	8.30
With Fertilizer	Acre	8.80	9.20	9.00
With Fertilizer and Cloverseed	Acre	10.10	10.10	10.10
Seeding Alfalfa, Clover, Etc	Acre	8.50	9.00	8.80
Broadcast Seeding (On Grain Fields)	Acre	5.20	5.40	5.30
Cleaning Grain Seed:				
With Treatment	Bu.	.63	.65	.64
Without Treatment	Bu.	.46	.45	.45
		Spraying		
Ground Equipment:				
Spraying For Weed Control:				
Excluding Material	Acre	5.20	5.30	5.30
Spraying For Corn Borer:				
Including Cost of Material	Acre	9.30	9.50	9.40
Excluding Cost of Material	Acre	5.20	5.50	5.40
Spraying For Spittle Bug or Alfalfa Weevil:				
Including Cost of Material	Acre	7.10	7.50	7.30
Excluding Cost of Material	Acre	5.20	5.50	5.40
Aerial Application (Excluding Material):				
Fixed Wing	Acre	7.50	7.50	7.50
Helicopter	Acre	7.90	7.90	7.90
		Miscellaneous		
Stalk Shredding, P.T.O.	Acre	7.40	8.00	7.70
Spreading Bulk Fertilizer:				
Dry	Acre	5.10	5.00	5.00
Liquid	Acre	5.20	5.20	5.20
Side Dressing	Acre	6.00	5.90	5.90
Grinding Feed:				
Corn, Oats or Barley	Cwt.	.54	.52	.53
Corn and Cobs	Cwt.	.56	.55	.55
Cobs	Cwt.	.57	.54	.55
Additional Charge For Mixing	Cwt.	.19	.19	.19
Machine Tiling (No Tile)	Foot	.39	.46	.42
Back Hoe	Hour	32.80	34.40	33.60
Sawing Wood (Chain Saw)	Hour	10.40	10.30	10.30
Post Hole Digging	Hole	.71	.70	.71
Manure Loading	Hour	17.00	18.20	17.60
Manure Spreading	Hour	17.20	18.50	17.90
Bulldozing (Avg. H.P. 81)	Hour	45.40	45.50	45.50

PENNSYLVANIA: NUMBER OF FARMS AND LAND IN FARMS, 1965-1989 1/

Year	Number Of Farms	Land In Farms	
		Total Acres	Per Farm
		(000)	Acres
1965	85,000	11,300	133
1970	74,000	10,200	138
1975	66,000	9,600	145
1979	61,000	9,000	148
1980	62,000	9,000	145
1981	61,000	8,900	146
1982	60,000	8,800	147
1983	59,000	8,700	147
1984	58,000	8,700	150
1985	58,000	8,700	150
1986	56,500	8,500	150
1987	56,000	8,400	150
1988	55,000	8,300	151
1989	54,000	8,200	152

1/ Farm Definition - Any place where $1,000 or more of agricultural products were produced and sold or normally would have been sold during the year.

PENNSYLVANIA: NUMBER OF FARMS BY SALES CLASS, 1987-1989

Year	Gross Value Of Sales						Total	
	$1,000 - $9,999		$10,000 - $99,999		$100,000 +			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1987	28,500	50.9	19,500	34.8	8,000	14.3	56,000	100.0
1988	27,500	50.0	19,400	35.3	8,100	14.7	55,000	100.0
1989	26,000	48.1	19,900	36.9	8,100	15.0	54,000	100.0

PENNSYLVANIA: LAND IN FARMS BY SALES CLASS, 1987-1989

Year	Gross Value Of Sales						Total	
	$1,000 - $9,999		$10,000 - $99,999		$100,000 +			
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
	(000)		(000)		(000)		(000)	
1987	2,300	27.4	3,400	40.5	2,700	32.1	8,400	100.0
1988	2,200	26.5	3,400	41.0	2,700	32.5	8,300	100.0
1989	2,000	24.4	3,500	42.7	2,700	32.9	8,200	100.0

PENNSYLVANIA: AVERAGE SIZE OF FARM BY SALES CLASS, 1987-1989

Year	Gross Value Of Sales			State
	$1,000 - $9,999	$10,000 - $99,999	$100,000 +	
	-------- Acres --------			
1987	81	174	338	150
1988	80	175	333	151
1989	77	176	333	152

FARM REAL ESTATE VALUES: AVERAGE VALUE PER ACRE OF LAND AND BUILDINGS BY STATE, 1960-1990 1/

State	March 1, 1960	March 1, 1970	February 1, 1980	April 1, 1985	February 1, 1986	February 1, 1987	February 1, 1988	February 1, 1989	January 1, 1990
Northeast:									
Maine	84	161	594	774	854	885	962	1,029	1,029
New Hampshire	104	239	1,004	1,439	1,682	1,847	2,112	2,260	2,260
Vermont	81	224	721	947	1,060	1,114	1,124	1,203	1,203
Massachusetts	314	565	1,608	2,377	2,761	3,012	3,553	3,802	3,802
Rhode Island	379	734	2,523	2,990	3,284	3,389	4,748	5,080	5,080
Connecticut	446	921	2,387	3,005	3,372	3,557	4,171	4,463	4,463
New York	145	273	720	820	843	960	993	1,053	1,042
New Jersey	528	1,092	2,947	2,951	2,997	3,729	3,969	4,644	4,737
Pennsylvania	**188**	**373**	**1,464**	**1,427**	**1,332**	**1,540**	**1,579**	**1,911**	**1,911**
Delaware	243	499	1,798	1,596	1,684	1,677	1,765	2,065	2,334
Maryland	290	640	2,238	2,197	2,023	2,009	2,261	2,487	2,512
Lake States:									
Michigan	194	326	1,111	1,108	1,012	924	971	1,000	1,060
Wisconsin	133	232	1,004	944	836	777	826	867	867
Minnesota	155	226	1,086	898	694	587	700	749	831
Corn Belt:									
Ohio	248	399	1,730	1,215	1,136	1,097	1,199	1,271	1,258
Indiana	264	406	1,863	1,344	1,167	1,061	1,158	1,251	1,288
Illinois	316	490	2,041	1,381	1,232	1,149	1,262	1,388	1,416
Iowa	257	392	1,840	1,091	873	786	947	1,108	1,130
Missouri	115	224	902	689	648	604	640	678	706
Northern Plains:									
North Dakota	53	94	405	373	334	303	319	329	348
South Dakota	51	84	292	289	267	238	269	293	337
Nebraska	89	154	635	485	416	400	457	526	562
Kansas	101	159	587	488	415	373	413	438	473
Appalachia:									
Virginia	140	286	1,028	1,112	1,179	1,154	1,198	1,354	1,597
West Virginia	75	136	669	607	616	633	682	716	652
North Carolina	186	333	1,219	1,331	1,254	1,259	1,263	1,339	1,325
Kentucky	137	253	976	955	941	878	896	923	1,034
Tennessee	132	268	976	944	935	936	1,001	1,021	1,052
Southeast:									
South Carolina	137	261	900	898	870	792	871	949	949
Georgia	99	234	896	886	853	889	920	1,003	1,053
Florida	217	355	1,381	1,599	1,537	1,605	1,790	1,897	2,125
Alabama	91	200	780	797	803	786	800	832	882
Delta States:									
Mississippi	107	234	819	855	778	685	697	718	754
Arkansas	113	260	918	907	779	724	761	784	776
Louisiana	173	321	1,256	1,407	1,191	921	940	959	940
Southern Plains:									
Oklahoma	86	173	614	597	520	475	480	523	513
Texas	85	148	436	694	594	546	544	517	506
Mountain:									
Montana	35	60	235	243	233	200	205	209	243
Idaho	112	177	698	739	631	552	572	601	685
Wyoming	22	41	161	181	159	157	147	143	153
Colorado	54	95	387	437	360	368	369	369	369
New Mexico	24	42	185	185	161	156	180	193	200
Arizona	48	70	267	295	271	299	279	276	268
Utah	60	92	530	513	476	451	425	425	404
Nevada	31	53	248	244	219	240	227	234	201
Pacific:									
Washington	133	224	736	943	840	756	739	769	815
Oregon	88	150	587	615	570	541	542	542	602
California	360	479	1,424	1,841	1,730	1,554	1,575	1,670	1,753
48 States	117	196	737	713	640	599	632	667	693

1/ Current dollars. Revised 1985-89 values bench marked to values from the 1987 Census of Agriculture.

PENNSYLVANIA AND SELECTED STATES: AVERAGE VALUE PER ACRE OF LAND AND BUILDINGS, AVERAGE CASH RENT PER ACRE - 1990

State	Farmland 1/	Farms		Cropland		Pasture	
	Average Value Per Acre	Rent Per Acre	Ratio Of Rent To Value	Rent Per Acre	Ratio Of Rent To Value	Rent Per Acre	Ratio Of Rent To Value
	Dollars	Dollars	Percent	Dollars	Percent	Dollars	Percent
PENNSYLVANIA							
1965	233	12.30	4.7	-	-	5.60	4.8
1970	373	12.90	3.8	15.30	3.7	8.30	3.5
1975	734	18.70	2.5	21.80	2.6	11.30	2.7
1979	1,273	29.40	2.3	32.60	2.2	14.10	1.8
1980	1,464	31.20	2.1	36.60	2.2	15.50	1.7
1981	1,568	35.20	2.4	37.50	2.3	14.90	1.7
1982	1,513	37.60	2.5	39.50	2.5	16.50	1.9
1983	1,520	39.30	2.8	38.80	2.5	17.50	2.1
1984	1,596	38.80	2.5	38.00	2.1	16.00	1.4
1985	1,427	35.80	2.3	43.00	2.5	19.70	2.2
1986	1,332	34.80	2.4	37.20	2.7	18.00	2.2
1987	1,540	39.30	2.5	40.00	2.5	18.60	1.9
1988	1,579	43.80	2.5	42.70	2.4	19.90	1.9
1989	1,911	44.10	2.1	46.50	1.9	22.90	2.0
1990	1,911	44.10	2.3	43.30	2.3	23.50	2.1
NORTHEAST							
Maine	1,029	36.30	3.8	35.70	5.2	16.30	2.8
Vermont	1,203	31.30	2.6	25.60	3.9	15.20	1.8
New York	1,042	25.90	4.0	30.20	4.7	16.10	4.3
Delaware	2,334	60.60	4.2	55.80	3.8	34.40	3.8
Maryland	2,512	54.00	3.3	49.30	3.7	30.80	2.6
LAKE STATES							
Michigan	1,060	43.80	5.9	41.40	5.7	20.50	4.4
Wisconsin	867	56.90	8.0	50.00	7.2	25.00	6.8
Minnesota	831	61.80	7.8	61.50	7.6	20.70	7.4
CORN BELT							
Ohio	1,258	68.40	5.9	69.10	6.0	28.80	5.0
Indiana	1,288	83.10	6.8	86.60	6.9	35.30	5.9
Illinois	1,416	98.20	6.7	99.40	6.7	33.20	6.1
Iowa	1,130	96.00	7.9	99.60	8.0	32.60	7.2
Missouri	706	50.30	9.0	61.90	9.9	24.10	6.8
NORTHERN PLAINS							
North Dakota	348	24.30	8.8	25.20	8.9	8.50	6.9
South Dakota	337	-	-	36.20	8.4	-	-
Nebraska	562	-	-	-	-	-	-
(Nonirrigated)	-	-	-	59.40	8.8	-	-
(Irrigated)	-	-	-	101.60	9.3	-	-
Kansas	473	-	-	-	-	11.50	5.2
(Nonirrigated)	-	-	-	33.10	8.0	-	-
(Irrigated)	-	-	-	61.50	9.1	-	-
APPALACHIAN							
Virginia	1,597	30.10	2.4	37.70	2.7	22.40	2.1
West Virginia	652	22.50	4.0	29.70	4.9	11.50	2.7
North Carolina	1,325	31.00	2.6	32.90	2.7	20.00	2.5
Kentucky	1,034	38.00	5.3	47.50	6.3	24.90	4.8
Tennessee	1,052	37.40	7.1	46.00	7.1	26.90	5.7
SOUTHEAST							
South Carolina	949	21.10	3.2	23.20	3.6	17.90	3.4
Georgia	1,053	23.80	3.5	27.30	3.9	19.50	3.1
Alabama	882	28.40	4.8	33.90	5.5	20.60	3.9
DELTA STATES							
Mississippi	754	26.20	4.8	33.80	5.6	14.70	3.6
Arkansas	776	42.10	6.8	49.80	6.7	16.90	3.7
Louisiana	940	32.00	4.3	46.30	6.1	18.30	3.4
SOUTHERN PLAINS							
Oklahoma	513	-	-	-	-	9.70	3.2
(Nonirrigated)	-	-	-	27.20	5.5	-	-
(Irrigated)	-	-	-	42.50	6.1	-	-
Texas	506	-	-	-	-	9.20	1.6
(Nonirrigated)	-	-	-	20.10	2.9	-	-
(Irrigated)	-	-	-	43.10	4.8	-	-

1/ Average value per acre of land and buildings.

PENNSYLVANIA: ALL FARMS, 1983-1989

County & District	1983	1984	1985	1986	1987	1988	1989
Crawford	1,600	1,570	1,570	1,530	1,460	1,390	1,350
Erie	1,590	1,550	1,550	1,510	1,470	1,440	1,410
Forest	50	50	50	50	40	40	40
Mercer	1,490	1,460	1,460	1,420	1,390	1,350	1,330
Venango	540	530	530	520	510	490	480
Warren	520	510	510	500	500	500	490
NORTHWESTERN, TOTAL	**5,790**	**5,670**	**5,670**	**5,530**	**5,370**	**5,210**	**5,100**
Bradford	1,650	1,610	1,610	1,560	1,560	1,520	1,490
Cameron	30	30	30	30	30	30	30
Clinton	310	300	300	300	310	310	310
Elk	170	160	160	160	180	180	180
Lycoming	980	960	960	930	920	900	890
McKean	270	270	270	260	260	260	260
Potter	380	380	380	370	360	350	340
Sullivan	200	200	200	190	190	180	180
Tioga	1,020	1,000	1,000	970	950	930	910
NORTH CENTRAL, TOTAL	**5,010**	**4,910**	**4,910**	**4,770**	**4,760**	**4,660**	**4,590**
Lackawanna	380	370	370	360	340	320	310
Susquehanna	1,050	1,000	1,000	970	920	880	860
Wayne	840	830	830	810	770	740	730
Wyoming	410	400	400	390	390	390	380
NORTHEASTERN, TOTAL	**2,680**	**2,600**	**2,600**	**2,530**	**2,420**	**2,330**	**2,280**
Armstrong	850	840	840	820	810	790	770
Beaver	610	600	600	580	600	600	600
Butler	1,360	1,340	1,340	1,300	1,300	1,280	1,250
Clarion	620	610	610	590	590	580	570
Indiana	1,040	1,020	1,020	990	990	970	950
Jefferson	550	540	540	530	530	530	520
Lawrence	830	820	820	800	800	800	780
WEST CENTRAL, TOTAL	**5,860**	**5,770**	**5,770**	**5,610**	**5,620**	**5,550**	**5,440**
Blair	540	530	530	510	520	520	510
Cambria	640	630	630	610	630	630	620
Centre	870	860	860	840	860	860	850
Clearfield	500	490	490	480	470	450	440
Columbia	910	870	870	840	790	750	730
Dauphin	830	810	810	790	750	720	700
Huntingdon	670	660	660	640	660	660	650
Juniata	640	630	630	610	610	610	600
Mifflin	710	700	700	680	710	710	700
Montour	330	320	320	320	300	290	280
Northumberland	800	780	780	760	730	720	700
Perry	740	730	730	710	680	670	650
Snyder	780	760	760	740	750	750	740
Union	550	540	540	530	540	540	530
CENTRAL, TOTAL	**9,510**	**9,310**	**9,310**	**9,060**	**9,000**	**8,880**	**8,700**
Carbon	190	190	190	190	190	190	190
Lehigh	620	600	600	590	590	580	570
Luzerne	590	580	580	560	530	500	480
Monroe	220	220	220	210	210	210	210
Northampton	630	620	620	600	560	520	500
Pike	50	50	50	50	50	50	50
Schuylkill	760	740	740	720	710	690	680
EAST CENTRAL, TOTAL	**3,060**	**3,000**	**3,000**	**2,920**	**2,840**	**2,740**	**2,680**
Allegheny	510	500	500	490	490	490	480
Fayette	960	950	950	920	950	950	940
Greene	880	870	870	850	870	880	870
Somerset	1,200	1,180	1,180	1,150	1,150	1,140	1,120
Washington	1,700	1,680	1,680	1,640	1,670	1,680	1,670
Westmoreland	1,450	1,430	1,430	1,390	1,420	1,420	1,410
SOUTHWESTERN, TOTAL	**6,700**	**6,610**	**6,610**	**6,440**	**6,550**	**6,560**	**6,490**
Adams	1,260	1,250	1,250	1,220	1,200	1,180	1,160
Bedford	1,160	1,140	1,140	1,110	1,110	1,110	1,090
Cumberland	1,230	1,220	1,220	1,190	1,190	1,170	1,150
Franklin	1,600	1,570	1,570	1,530	1,530	1,530	1,510
Fulton	520	510	510	500	500	500	500
York	2,450	2,400	2,400	2,340	2,270	2,200	2,150
SOUTH CENTRAL, TOTAL	**8,220**	**8,090**	**8,090**	**7,890**	**7,800**	**7,690**	**7,560**
Berks	2,050	2,010	2,010	1,960	1,960	1,930	1,890
Bucks	1,050	1,030	1,030	1,010	970	910	880
Chester	1,920	1,900	1,900	1,850	1,780	1,710	1,660
Delaware	120	120	120	120	120	110	110
Lancaster	5,250	5,210	5,210	5,080	5,100	5,080	5,020
Lebanon	1,010	1,010	1,010	990	1,010	1,010	990
Montgomery	770	760	760	740	700	630	610
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**12,170**	**12,040**	**12,040**	**11,750**	**11,640**	**11,380**	**11,160**
PENNSYLVANIA	**59,000**	**58,000**	**58,000**	**56,500**	**56,000**	**55,000**	**54,000**

PENNSYLVANIA: NUMBER OF CATTLE FARMS, 1983-1989

County & District	1983	1984	1985	1986	1987	1988	1989
Crawford	1,490	1,510	1,480	1,480	1,360	1,270	1,200
Erie	1,110	1,090	1,070	1,070	970	900	840
Forest	40	40	40	40	40	30	30
Mercer	1,310	1,310	1,280	1,280	1,250	1,200	1,150
Venango	470	490	480	480	440	410	380
Warren	430	460	460	460	460	450	430
NORTHWESTERN, TOTAL	**4,850**	**4,900**	**4,810**	**4,810**	**4,520**	**4,260**	**4,030**
Bradford	1,580	1,550	1,520	1,520	1,480	1,430	1,370
Cameron	20	30	25	25	25	20	20
Clinton	250	250	240	240	240	230	220
Elk	150	150	150	150	150	150	140
Lycoming	780	780	770	770	730	690	660
McKean	240	240	235	235	215	200	190
Potter	360	360	350	350	330	320	300
Sullivan	190	190	190	190	180	170	160
Tioga	960	960	940	940	900	860	820
NORTH CENTRAL, TOTAL	**4,530**	**4,510**	**4,420**	**4,420**	**4,250**	**4,070**	**3,880**
Lackawanna	310	290	280	280	240	220	200
Susquehanna	960	930	900	900	840	790	750
Wayne	780	780	760	760	710	670	630
Wyoming	370	370	360	360	340	330	310
NORTHEASTERN, TOTAL	**2,420**	**2,370**	**2,300**	**2,300**	**2,130**	**2,010**	**1,890**
Armstrong	760	740	720	720	700	670	640
Beaver	530	520	510	510	480	450	430
Butler	1,100	1,100	1,080	1,080	1,020	970	920
Clarion	590	580	570	570	550	530	500
Indiana	920	910	890	890	840	800	760
Jefferson	530	520	510	510	490	470	450
Lawrence	720	720	700	700	700	680	660
WEST CENTRAL, TOTAL	**5,150**	**5,090**	**4,980**	**4,980**	**4,780**	**4,570**	**4,360**
Blair	490	490	480	480	460	440	420
Cambria	530	540	530	530	520	500	480
Centre	700	730	720	720	720	700	690
Clearfield	440	440	430	430	400	380	360
Columbia	590	560	540	540	500	470	440
Dauphin	580	550	540	540	480	450	420
Huntingdon	650	650	640	640	630	610	580
Juniata	530	530	520	520	500	480	460
Mifflin	660	680	670	670	670	660	640
Montour	240	240	230	230	220	210	200
Northumberland	580	550	540	540	500	470	440
Perry	590	580	570	570	530	500	470
Snyder	630	630	620	620	590	560	530
Union	440	440	430	430	430	420	400
CENTRAL, TOTAL	**7,650**	**7,610**	**7,460**	**7,460**	**7,150**	**6,850**	**6,530**
Carbon	100	100	100	100	100	90	90
Lehigh	270	270	260	260	220	200	190
Luzerne	390	390	380	380	340	310	290
Monroe	130	130	130	130	110	100	90
Northampton	390	390	380	380	330	300	280
Pike	30	30	30	30	30	20	20
Schuylkill	430	430	420	420	370	340	320
EAST CENTRAL, TOTAL	**1,740**	**1,740**	**1,700**	**1,700**	**1,500**	**1,360**	**1,280**
Allegheny	270	280	270	270	250	240	230
Fayette	860	890	870	870	870	850	820
Greene	830	850	830	830	810	780	750
Somerset	1,130	1,130	1,110	1,110	1,080	1,040	990
Washington	1,470	1,490	1,460	1,460	1,460	1,420	1,370
Westmoreland	1,200	1,200	1,170	1,170	1,150	1,110	1,070
SOUTHWESTERN, TOTAL	**5,760**	**5,840**	**5,710**	**5,710**	**5,620**	**5,440**	**5,230**
Adams	840	840	820	820	760	710	670
Bedford	1,110	1,110	1,080	1,080	1,040	1,000	960
Cumberland	980	980	960	960	930	890	850
Franklin	1,440	1,440	1,410	1,410	1,380	1,330	1,270
Fulton	470	470	460	460	450	430	410
York	1,510	1,540	1,510	1,510	1,380	1,290	1,210
SOUTH CENTRAL, TOTAL	**6,350**	**6,380**	**6,240**	**6,240**	**5,940**	**5,650**	**5,370**
Berks	1,410	1,410	1,380	1,380	1,340	1,290	1,230
Bucks	470	450	440	440	380	340	320
Chester	1,110	1,110	1,090	1,090	1,030	980	930
Delaware	40	40	40	40	30	30	30
Lancaster	4,280	4,320	4,230	4,230	4,190	4,070	3,900
Lebanon	830	820	800	800	790	770	740
Montgomery	410	410	400	400	350	310	280
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**8,550**	**8,560**	**8,380**	**8,380**	**8,110**	**7,790**	**7,430**
PENNSYLVANIA	**47,000**	**47,000**	**46,000**	**46,000**	**44,000**	**42,000**	**40,000**

PENNSYLVANIA: COMMERCIAL DAIRY FARMS, 1983-1989 1/

County & District	1983	1984	1985	1986	1987	1988	1989
Crawford	540	540	540	540	510	500	490
Erie	380	375	380	380	370	370	340
Forest	10	10	10	10	10	10	10
Mercer	345	355	360	370	360	355	340
Venango	60	65	60	60	60	65	65
Warren	160	160	160	160	160	150	145
NORTHWESTERN, TOTAL	**1,495**	**1,505**	**1,510**	**1,520**	**1,470**	**1,450**	**1,390**
Bradford	730	720	720	700	690	680	650
Cameron	5	5	5	5	5	5	5
Clinton	95	90	90	90	90	90	90
Elk	25	25	25	25	20	20	20
Lycoming	220	210	210	210	210	190	180
McKean	45	40	45	45	40	45	45
Potter	120	120	120	120	120	120	110
Sullivan	55	55	55	55	55	55	50
Tioga	430	420	420	420	410	395	380
NORTH CENTRAL, TOTAL	**1,725**	**1,685**	**1,690**	**1,670**	**1,640**	**1,600**	**1,530**
Lackawanna	80	80	80	80	70	70	70
Susquehanna	430	420	420	400	380	380	350
Wayne	335	335	330	320	310	310	300
Wyoming	155	150	150	140	140	140	130
NORTHEASTERN, TOTAL	**1,000**	**985**	**980**	**940**	**900**	**900**	**850**
Armstrong	115	115	110	110	100	100	100
Beaver	90	90	90	90	90	85	80
Butler	160	160	160	160	160	170	170
Clarion	125	125	130	130	120	120	110
Indiana	230	230	220	220	220	230	220
Jefferson	125	125	120	120	120	120	110
Lawrence	210	225	220	230	230	235	230
WEST CENTRAL, TOTAL	**1,055**	**1,070**	**1,050**	**1,060**	**1,040**	**1,060**	**1,020**
Blair	195	195	200	200	200	195	200
Cambria	55	55	55	55	55	55	55
Centre	300	310	310	310	300	290	290
Clearfield	80	80	80	70	70	65	60
Columbia	85	80	80	80	80	75	75
Dauphin	140	140	140	140	135	125	120
Huntingdon	210	210	210	210	210	220	210
Juniata	205	200	200	200	200	200	180
Mifflin	320	350	350	350	350	370	350
Montour	55	55	55	55	55	55	55
Northumberland	110	105	100	100	95	90	85
Perry	160	155	150	150	150	160	150
Snyder	205	195	200	200	200	190	180
Union	160	160	160	160	160	160	160
CENTRAL, TOTAL	**2,280**	**2,290**	**2,290**	**2,280**	**2,260**	**2,250**	**2,170**
Carbon	10	15	15	15	15	10	10
Lehigh	40	40	40	40	40	40	35
Luzerne	80	80	70	70	70	70	70
Monroe	15	15	10	10	10	15	15
Northampton	115	115	110	110	100	100	90
Pike	5	5	5	5	5	5	5
Schuylkill	70	70	70	70	60	60	65
EAST CENTRAL, TOTAL	**335**	**340**	**320**	**320**	**300**	**300**	**290**
Allegheny	25	25	25	25	25	25	20
Fayette	115	120	110	110	110	120	110
Greene	50	45	45	45	45	45	40
Somerset	375	400	410	410	400	420	410
Washington	240	235	220	210	200	220	210
Westmoreland	250	250	250	250	250	260	240
SOUTHWESTERN, TOTAL	**1,055**	**1,075**	**1,060**	**1,050**	**1,030**	**1,090**	**1,030**
Adams	140	135	130	130	120	120	120
Bedford	330	340	350	350	340	340	330
Cumberland	360	350	360	370	360	355	340
Franklin	580	580	590	600	590	600	590
Fulton	110	110	110	110	110	115	110
York	250	245	250	250	240	240	220
SOUTH CENTRAL, TOTAL	**1,770**	**1,760**	**1,790**	**1,810**	**1,760**	**1,770**	**1,710**
Berks	465	465	470	460	440	440	420
Bucks	100	100	95	95	90	80	70
Chester	410	400	410	420	420	400	400
Delaware	10	5	5	5	10	5	5
Lancaster	1,890	1,900	1,910	1,940	1,920	1,950	1,930
Lebanon	310	320	320	330	330	320	310
Montgomery	100	100	100	100	90	85	75
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**3,285**	**3,290**	**3,310**	**3,350**	**3,300**	**3,280**	**3,210**
PENNSYLVANIA	**14,000**	**14,000**	**14,000**	**14,000**	**13,700**	**13,700**	**13,200**

1/ Commercial dairy farms are defined as farms with 10 or more milk cows.

PENNSYLVANIA: NUMBER OF HOG FARMS, 1983-1989

County & District	1983	1984	1985	1986	1987	1988	1989
Crawford	270	270	250	230	220	200	180
Erie	170	170	160	150	140	100	80
Forest	10	10	10	10	10	10	10
Mercer	340	330	300	270	260	230	210
Venango	140	140	130	120	110	90	80
Warren	100	100	90	90	90	80	70
NORTHWESTERN, TOTAL	**1,030**	**1,020**	**940**	**870**	**830**	**710**	**630**
Bradford	230	230	210	190	180	150	130
Cameron	10	10	10	10	10	10	10
Clinton	80	80	70	70	70	70	60
Elk	40	40	40	30	30	30	30
Lycoming	250	250	230	210	200	180	160
McKean	40	40	40	40	40	30	30
Potter	50	60	50	50	50	40	40
Sullivan	40	40	40	40	40	30	30
Tioga	100	100	90	80	80	80	80
NORTH CENTRAL, TOTAL	**840**	**850**	**780**	**720**	**700**	**620**	**570**
Lackawanna	40	40	40	40	40	30	20
Susquehanna	100	100	90	90	80	60	50
Wayne	90	90	80	70	70	60	60
Wyoming	50	50	50	50	50	40	30
NORTHEASTERN, TOTAL	**280**	**280**	**260**	**250**	**240**	**190**	**160**
Armstrong	200	190	170	160	150	150	140
Beaver	120	120	110	100	90	90	80
Butler	310	310	290	260	250	230	200
Clarion	160	170	160	150	140	130	120
Indiana	220	220	200	180	170	160	150
Jefferson	90	80	70	60	60	60	50
Lawrence	210	210	190	180	170	160	150
WEST CENTRAL, TOTAL	**1,310**	**1,300**	**1,190**	**1,090**	**1,030**	**980**	**890**
Blair	120	120	110	100	100	90	80
Cambria	190	190	180	160	150	140	120
Centre	210	210	190	170	160	150	140
Clearfield	130	130	120	110	100	90	80
Columbia	250	240	220	200	190	170	140
Dauphin	220	220	200	180	170	150	130
Huntingdon	160	150	140	130	120	120	110
Juniata	200	200	180	170	160	150	130
Mifflin	280	280	260	230	220	220	210
Montour	70	70	60	60	60	50	40
Northumberland	230	210	190	170	160	160	140
Perry	250	230	210	190	180	150	130
Snyder	300	270	250	220	210	190	170
Union	140	140	130	120	110	110	100
CENTRAL, TOTAL	**2,750**	**2,660**	**2,440**	**2,210**	**2,090**	**1,940**	**1,720**
Carbon	60	60	60	50	50	50	40
Lehigh	140	140	130	120	110	100	90
Luzerne	90	100	90	80	80	70	60
Monroe	60	60	60	50	40	40	40
Northampton	120	120	110	100	100	80	70
Pike	10	10	10	10	10	10	10
Schuylkill	190	200	190	170	160	140	120
EAST CENTRAL, TOTAL	**670**	**690**	**650**	**580**	**550**	**490**	**430**
Allegheny	70	80	70	70	70	50	40
Fayette	200	210	190	180	170	170	160
Greene	140	150	140	130	120	100	90
Somerset	290	290	270	240	230	220	200
Washington	240	240	220	200	190	180	160
Westmoreland	320	330	310	280	270	230	200
SOUTHWESTERN, TOTAL	**1,260**	**1,300**	**1,200**	**1,100**	**1,050**	**950**	**850**
Adams	310	310	290	260	240	220	200
Bedford	310	290	270	250	240	210	180
Cumberland	290	290	270	240	230	220	200
Franklin	420	420	390	350	330	310	280
Fulton	160	160	150	130	120	120	110
York	660	620	570	520	500	430	380
SOUTH CENTRAL, TOTAL	**2,150**	**2,090**	**1,940**	**1,750**	**1,660**	**1,510**	**1,350**
Berks	480	480	440	400	380	340	310
Bucks	160	190	180	170	160	120	100
Chester	210	220	200	180	170	140	120
Delaware	10	10	10	10	10	10	10
Lancaster	1,450	1,500	1,390	1,320	1,300	1,200	1,090
Lebanon	260	270	250	230	220	200	180
Montgomery	140	140	130	120	110	100	90
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**2,710**	**2,810**	**2,600**	**2,430**	**2,350**	**2,110**	**1,900**
PENNSYLVANIA	**13,000**	**13,000**	**12,000**	**11,000**	**10,500**	**9,500**	**8,500**

PENNSYLVANIA: NUMBER OF SHEEP FARMS, 1983-1989

County & District	1983	1984	1985	1986	1987	1988	1989
Crawford	70	60	50	50	50	50	55
Erie	30	30	30	30	30	30	30
Forest	5	5	5	5	5	5	5
Mercer	105	90	80	70	70	70	75
Venango	30	30	30	35	35	35	35
Warren	20	20	20	20	20	20	20
NORTHWESTERN, TOTAL	**260**	**235**	**215**	**210**	**210**	**210**	**220**
Bradford	100	100	100	90	90	90	85
Cameron	5	5	5	5	5	5	5
Clinton	20	20	20	20	20	20	15
Elk	5	5	5	5	5	5	5
Lycoming	40	40	40	30	30	30	30
McKean	20	20	20	20	20	15	15
Potter	20	20	20	25	25	25	25
Sullivan	20	20	20	20	20	20	20
Tioga	70	70	70	60	60	60	65
NORTH CENTRAL, TOTAL	**300**	**300**	**300**	**275**	**275**	**270**	**265**
Lackawanna	20	20	20	20	20	15	15
Susquehanna	70	60	60	55	55	50	50
Wayne	40	40	40	40	40	45	45
Wyoming	20	20	20	20	20	20	20
NORTHEASTERN, TOTAL	**150**	**140**	**140**	**135**	**135**	**130**	**130**
Armstrong	70	60	60	60	60	60	60
Beaver	70	70	70	70	70	70	75
Butler	120	110	110	110	110	110	110
Clarion	40	30	30	30	30	30	30
Indiana	80	70	70	70	70	70	70
Jefferson	20	20	20	20	20	20	20
Lawrence	80	70	60	60	60	60	60
WEST CENTRAL, TOTAL	**480**	**430**	**420**	**420**	**420**	**420**	**425**
Blair	20	20	20	20	20	20	25
Cambria	20	20	20	20	20	20	25
Centre	80	70	70	60	60	60	55
Clearfield	15	15	15	15	15	15	15
Columbia	30	30	30	30	30	30	25
Dauphin	70	60	60	60	60	60	55
Huntingdon	40	40	40	40	40	45	50
Juniata	50	50	50	50	50	55	60
Mifflin	115	100	100	90	90	90	85
Montour	15	15	15	15	15	15	15
Northumberland	45	35	35	35	35	35	35
Perry	50	50	50	50	50	50	50
Snyder	45	50	50	50	50	50	45
Union	15	20	20	20	20	25	25
CENTRAL, TOTAL	**610**	**575**	**575**	**555**	**555**	**570**	**565**
Carbon	20	20	20	20	20	20	15
Lehigh	35	35	35	35	35	35	40
Luzerne	30	30	30	30	30	30	30
Monroe	20	20	20	20	20	20	15
Northampton	50	50	50	45	45	40	40
Pike	5	5	5	5	5	5	5
Schuylkill	30	30	30	30	30	30	35
EAST CENTRAL, TOTAL	**190**	**190**	**190**	**185**	**185**	**180**	**180**
Allegheny	40	40	40	40	40	40	40
Fayette	60	60	60	60	60	60	60
Greene	310	260	240	200	200	200	200
Somerset	80	80	80	80	80	80	80
Washington	290	270	270	260	260	260	265
Westmoreland	130	120	120	120	120	120	120
SOUTHWESTERN, TOTAL	**910**	**830**	**810**	**760**	**760**	**760**	**765**
Adams	90	80	80	80	80	80	80
Bedford	70	70	70	70	70	70	75
Cumberland	80	80	80	80	80	80	85
Franklin	100	90	90	90	90	90	90
Fulton	30	20	20	20	20	20	25
York	210	170	170	170	170	170	175
SOUTH CENTRAL, TOTAL	**580**	**510**	**510**	**510**	**510**	**510**	**530**
Berks	160	160	160	160	160	160	155
Bucks	110	110	100	90	90	90	85
Chester	150	120	110	105	105	105	100
Delaware	10	10	10	10	10	10	5
Lancaster	610	550	520	445	445	445	435
Lebanon	100	80	80	80	80	80	80
Montgomery	80	60	60	60	60	60	60
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**1,220**	**1,090**	**1,040**	**950**	**950**	**950**	**920**
PENNSYLVANIA	**4,700**	**4,300**	**4,200**	**4,000**	**4,000**	**4,000**	**4,000**

PENNSYLVANIA: NUMBER OF CHICKEN FARMS, 1983-1989

County & District	1983	1984	1985	1986	1987	1988	1989
Crawford	270	250	210	195	190	185	185
Erie	160	150	130	125	120	105	95
Forest	10	10	10	10	10	10	10
Mercer	280	265	235	205	195	165	150
Venango	85	85	80	80	75	60	60
Warren	95	90	85	85	85	75	75
NORTHWESTERN, TOTAL	**900**	**850**	**750**	**700**	**675**	**600**	**575**
Bradford	200	200	165	150	145	135	135
Cameron	15	15	15	15	15	10	10
Clinton	80	75	70	65	65	65	65
Elk	45	45	40	40	40	40	40
Lycoming	185	175	140	120	100	100	100
McKean	45	45	45	45	45	40	40
Potter	60	60	55	50	50	50	50
Sullivan	35	35	30	30	30	25	25
Tioga	110	100	90	85	85	85	85
NORTH CENTRAL, TOTAL	**775**	**750**	**650**	**600**	**575**	**550**	**550**
Lackawanna	50	50	50	50	50	50	50
Susquehanna	135	135	120	100	100	100	100
Wayne	110	110	90	85	85	85	85
Wyoming	55	55	40	40	40	40	40
NORTHEASTERN, TOTAL	**350**	**350**	**300**	**275**	**275**	**275**	**275**
Armstrong	140	120	110	100	90	90	85
Beaver	120	100	90	90	85	85	80
Butler	240	220	200	185	155	140	135
Clarion	115	105	100	90	80	80	80
Indiana	195	180	185	165	140	140	140
Jefferson	100	85	80	70	65	60	60
Lawrence	165	165	160	150	135	130	120
WEST CENTRAL, TOTAL	**1,075**	**975**	**925**	**850**	**750**	**725**	**700**
Blair	85	80	70	70	70	70	70
Cambria	135	120	110	100	90	90	85
Centre	140	140	140	135	135	135	135
Clearfield	100	100	100	90	80	75	75
Columbia	160	140	120	100	90	80	75
Dauphin	140	120	105	90	85	80	80
Huntingdon	130	110	95	90	80	80	75
Juniata	100	95	85	85	80	80	80
Mifflin	200	185	175	170	170	165	165
Montour	50	50	50	50	50	45	35
Northumberland	150	135	115	110	100	95	95
Perry	140	130	115	100	100	95	95
Snyder	160	145	130	120	105	100	100
Union	110	100	90	90	90	85	85
CENTRAL, TOTAL	**1,800**	**1,650**	**1,500**	**1,400**	**1,325**	**1,275**	**1,250**
Carbon	50	45	40	40	35	35	35
Lehigh	150	130	110	100	90	90	90
Luzerne	105	100	80	70	50	50	50
Monroe	50	50	45	40	40	35	35
Northampton	135	135	105	90	80	75	75
Pike	15	15	10	10	10	10	10
Schuylkill	195	175	135	100	95	80	80
EAST CENTRAL, TOTAL	**700**	**650**	**525**	**450**	**400**	**375**	**375**
Allegheny	100	90	85	80	75	70	70
Fayette	180	170	170	150	145	140	140
Greene	170	150	125	110	105	100	100
Somerset	225	210	195	170	170	165	165
Washington	255	230	200	185	175	170	170
Westmoreland	270	250	200	155	155	155	155
SOUTHWESTERN, TOTAL	**1,200**	**1,100**	**975**	**850**	**825**	**800**	**800**
Adams	225	210	170	150	115	100	100
Bedford	220	200	160	155	155	155	155
Cumberland	195	185	170	150	125	125	125
Franklin	260	245	210	190	180	175	175
Fulton	110	100	90	90	80	80	80
York	490	460	400	305	245	215	215
SOUTH CENTRAL, TOTAL	**1,500**	**1,400**	**1,200**	**1,040**	**900**	**850**	**850**
Berks	440	410	360	320	280	255	255
Bucks	180	160	150	130	120	110	110
Chester	250	230	210	180	160	150	150
Delaware	20	20	20	20	20	20	20
Lancaster	1,455	1,125	1,050	1,035	975	905	880
Lebanon	205	190	165	140	120	120	120
Montgomery	150	140	120	110	100	90	90
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**2,700**	**2,275**	**2,075**	**1,935**	**1,775**	**1,650**	**1,625**
PENNSYLVANIA	**11,000**	**10,000**	**8,900**	**8,100**	**7,500**	**7,100**	**7,000**

PENNSYLVANIA: FARM NUMBERS, LAND AND VALUE, 1987 U.S. CENSUS OF AGRICULTURE 1/

County & District	Number Of Farms	Land In Farms	Average Size Of Farm	Value Per Acre 2/	Harvested Cropland
		Acres		Dollars	Acres
Crawford	1,281	236,481	185	800	105,411
Erie	1,355	184,586	136	1,133	85,489
Forest	34	6,170	181	891	1,670
Mercer	1,267	182,562	144	899	87,117
Venango	456	65,098	143	892	23,994
Warren	472	80,943	171	817	27,433
NORTHWESTERN, TOTAL	**4,865**	**755,840**	**155**	**-**	**331,114**
Bradford	1,432	338,776	237	925	152,610
Cameron	25	2,593	104	735	(D)
Clinton	295	46,965	159	1,234	24,960
Elk	168	18,609	111	1,260	6,865
Lycoming	847	139,334	165	1,313	66,938
McKean	243	44,930	185	704	11,535
Potter	328	95,605	291	730	31,382
Sullivan	165	30,496	185	839	13,146
Tioga	876	222,634	254	719	96,635
NORTH CENTRAL, TOTAL	**4,379**	**939,942**	**215**	**-**	**404,071**
Lackawanna	299	42,033	141	1,403	18,787
Susquehanna	814	189,907	233	928	66,109
Wayne	691	138,960	201	1,329	47,628
Wyoming	367	72,575	198	936	26,714
Armstrong	735	122,420	167	1,247	53,447
Beaver	570	59,063	104	1,356	26,647
Butler	1,199	143,817	120	1,508	69,029
Clarion	541	102,577	190	936	42,208
Indiana	911	165,745	182	993	76,834
Jefferson	495	84,803	171	803	36,993
Lawrence	749	96,264	129	992	49,459
WEST CENTRAL, TOTAL	**5,200**	**774,689**	**149**	**-**	**354,617**
Blair	489	86,691	177	1,345	49,465
Cambria	605	85,764	142	995	40,967
Centre	817	148,889	182	1,548	81,061
Clearfield	421	62,259	148	977	27,563
Columbia	701	110,096	157	1,286	60,355
Dauphin	675	101,692	151	2,017	67,909
Huntingdon	635	134,544	212	884	61,086
Juniata	566	91,378	161	1,189	47,698
Mifflin	677	87,546	129	1,460	44,218
Montour	270	41,870	155	1,273	26,152
Northumberland	675	125,673	186	1,357	80,184
Perry	628	112,654	179	1,323	58,125
Snyder	702	89,998	128	1,312	54,649
Union	505	64,622	128	1,895	45,716
CENTRAL, TOTAL	**8,366**	**1,343,676**	**161**	**-**	**745,148**
Carbon	177	21,720	123	1,909	10,326
Lehigh	541	96,931	179	3,189	71,219
Luzerne	473	58,441	124	1,537	28,617
Monroe	192	26,898	140	2,321	13,241
Northampton	484	86,694	179	2,068	63,542
Pike	44	5,472	124	1,920	1,651
Schuylkill	647	96,961	150	1,388	59,645
EAST CENTRAL, TOTAL	**2,558**	**393,117**	**154**	**-**	**248,241**
Allegheny	451	42,686	95	1,999	13,591
Fayette	902	116,231	129	931	44,232
Greene	838	146,002	174	728	30,848
Somerset	1,062	227,645	214	931	103,570
Washington	1,594	218,906	137	1,230	79,233
Westmoreland	1,335	164,716	123	1,597	78,668
SOUTHWESTERN, TOTAL	**6,182**	**916,186**	**148**	**-**	**350,142**
Adams	1,104	187,035	169	1,806	115,748
Bedford	1,043	221,494	212	1,084	93,122
Cumberland	1,100	153,746	140	1,945	101,369
Franklin	1,441	254,428	177	1,763	173,891
Fulton	467	99,920	214	875	39,720
York	2,041	278,239	136	2,140	186,382
SOUTH CENTRAL, TOTAL	**7,196**	**1,194,862**	**166**	**-**	**710,232**
Berks	1,809	243,260	134	2,595	174,147
Bucks	841	85,113	101	3,652	57,627
Chester	1,573	189,943	121	4,235	119,376
Delaware	95	8,036	85	6,492	3,345
Lancaster	4,775	403,964	85	3,778	298,475
Lebanon	948	117,405	124	2,451	86,718
Montgomery	586	56,734	97	3,551	36,779
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**10,627**	**1,104,455**	**104**	**-**	**776,467**
PENNSYLVANIA 2/	**51,549**	**7,866,289**	**153**	**1,579**	**4,080,153**

1/ County and district totals may not add to state total because of census disclosure rules. State total may differ from U.S. Department of Agriculture estimates because of incompleteness, duplication, definitional difference and sampling variablility. 2/ Value of land and buildings included. (D) Data withheld to avoid disclosing information for individual farms.

UNITED STATES: CIVILIAN PER CAPITA COMSUMPTION OF MAJOR FOOD COMMODITIES, 1983-1988 1/

Commodity	1983	1984	1985	1986	1987	1988 2/
			Pounds			
Meats (Boneless, Trimmed Weight):						
Beef	73.8	73.6	74.3	74.1	69.2	68.2
Veal	1.4	1.5	1.5	1.6	1.3	1.1
Lamb & Mutton	1.1	1.1	1.1	1.0	1.0	1.0
Pork	44.0	43.7	44.1	41.6	41.8	44.7
Fish (Edible Weight):						
Canned	4.8	4.9	5.1	5.4	5.1	5.1
Fresh and Frozen	8.0	8.3	9.0	9.0	10.0	9.6
Cured	0.3	0.3	0.3	0.3	0.3	0.3
Poultry Products (Boneless Weight):						
Eggs	33.0	32.9	32.2	31.7	31.6	30.9
Chicken	37.0	38.2	39.8	40.6	43.4	44.6
Turkey	8.9	9.0	9.5	10.5	11.9	12.6
Dairy Products:						
Cheese (Excluding Cottage)	20.5	21.4	22.5	23.0	24.0	23.6
Fluid Whole Milk	130.0	126.5	122.9	116.0	111.4	106.1
Fluid Lowfat Milk	85.4	88.6	93.4	98.2	100.1	101.6
Fluid Cream	3.7	4.0	4.4	4.7	4.6	4.7
Ice Cream (Product Weight)	18.0	18.1	18.1	18.4	18.3	17.2
Yogurt	3.2	3.7	4.1	4.4	4.5	4.6
Fats & Oils:						
Butter (Product Weight)	4.9	4.9	4.9	4.6	4.6	4.5
Margarine (Product Weight)	10.4	10.4	10.8	11.4	10.5	10.3
Lard	2.1	2.1	1.8	1.7	1.8	1.7
Shortening	18.5	21.2	22.8	22.0	21.3	21.4
Salad and Cooking Oils	23.5	19.8	23.5	24.1	25.2	25.7
Fruits:						
Fresh:						
Citrus	28.3	23.2	22.6	25.8	25.5	25.6
Noncitrus	60.4	65.0	64.1	66.7	72.2	67.8
Processed:						
Canned Fruit	8.2	8.3	8.4	8.7	8.8	8.8
Frozen Fruit	2.9	3.0	3.3	3.6	3.9	3.8
Dried Fruit	2.9	3.0	2.7	3.0	2.7	2.9
Vegetables:						
Fresh	74.6	79.1	79.2	84.6	89.0	89.8
Processed	100.2	108.7	104.7	103.4	103.7	100.7
Fresh Potatoes	47.9	46.8	44.7	47.6	46.5	52.4
Frozen Potato Products	19.4	20.2	22.0	23.0	22.8	21.9
Dry Edible Beans	6.4	5.0	7.0	6.6	5.0	5.7
Grains:						
Wheat Flour	117.4	118.1	123.3	123.5	127.1	127.5
Rice	9.7	8.6	9.1	11.6	13.4	14.3
Pasta	10.6	11.0	11.3	11.6	11.9	12.2
Other:						
Coffee	7.6	7.5	7.6	7.6	7.6	7.6
Cocoa	3.2	3.4	3.7	3.8	3.9	4.0
Peanuts (Shelled)	5.9	6.0	6.3	6.4	6.3	6.8
Sugar (Refined)	71.0	67.6	63.4	60.8	62.4	62.4
Corn Sweeteners	52.6	58.8	65.6	67.5	69.0	70.1
Soft Drinks (Gallons)	26.9	27.2	30.4	31.9	31.6	31.3

1/ Quantity in pounds. Retail weight unless otherwise shown. Data on calendar year basis except for dried fruits, fresh citrus fruits, peanuts and rice which are on a crop year basis. 2/ Preliminary.

PENNSYLVANIA: ESTIMATED TOTAL POPULATION, JULY 1, 1960-1989 1/

Year	Total Population	Year	Total Population
	(000)		(000)
1960	11,329	1985	11,864
1965	11,620	1986	11,894
1970	11,813	1987	11,936
1975	11,860	1988	12,027
1980	11,864	1989 2/	12,040

1/ U.S. Department of Commerce, Bureau of Census, Current Population Reports. 2/ Preliminary.

CROP AND LIVESTOCK DATA FOR _____ COUNTY*

(Name)

Page No.	Commodity	Year or Date	Number		Production				Value
			Unit	Total	Unit	Per Acre or Head	Total	County Rank 1/	Dollars
54	Wheat	1989	Acres		Bu.				
60	Oats	1989	Acres		Bu.				
57	Barley	1989	Acres		Bu.				
42	Corn for Grain	1989	Acres		Bu.				
45	Corn, Silage	1989	Acres		Tons				
49	Hay, All	1989	Acres		Tons				
48	Alfalfa	1989	Acres		Tons				XXXX
48	Other	1989	Acres		Tons				XXXX
63	Soybeans	1989	Acres		Bu.				
67	Potatoes	1989	Acres		Cwt.				
69	Tobacco	1989	Acres		Lbs.				
80	Apples	1989	.....		Lbs.	.....			
80	Peaches	1989	.....		Lbs.	.....			
	SUMMARY								
71	Field & Forage	1989	Acres		.....		.....	.....	
71	Vegetables & Potatoes	1989	Acres		.....		.....	.....	
71	Fruit	1989	.....		.....		.....	.....	
71	Total-Crops	1989	.....		.....		.....	.....	
					Milk				
12	Milk Cows & Production	1989	Cows		Lbs.				
28	Layers & Egg Production	1989	Layers		Eggs				
34	Broilers Produced	1989	Broilers		Lbs.	.....			
	INVENTORIES								
27	All Chickens On Hand	12-01-89	Head		.....		.....		
18	Hogs & Pigs On Hand	12-01-89	Head		.....		.....		
18	Cattle & Calves On Hand	01-01-90	Head		.....		.....		
18	Sheep & Lambs On Hand	01-01-90	Head		.....		.....		
	CASH RECEIPTS								
94	Field Crops	1988	.....		.....		.....	.....	
94	Vegetables & Potatoes	1988	.....		.....		.....	.....	
94	Fruit	1988	.....		.....		.....	.....	
94	Hort. & Specialties	1988	.....		.....		.....	.....	
94	Total-Crops	1988	.....		.....		.....	.....	
95	Meat & Misc. Products	1988	.....		.....		.....	.....	
95	Dairy Products	1988	.....		.....		.....	.....	
95	Poultry Products	1988	.....		.....		.....	.....	
95	Total-Livestock	1988	.....		.....		.....	.....	
95	Government Payments	1988	.....		.....		.....	.....	
95	Total-Cash Receipts	1988	.....		.....		.....		

1/ Ranking of top 10 counties shown on pages 99 and 100. * Source: Pennsylvania Agricultural Statistics Service.

REPORTS AVAILABLE

The following reports are available from the Pennsylvania Agricultural Statistics Service. They are available at no charge to Pennsylvania farmers upon request. Others wishing to receive these reports must complete the "Order Form" on the next page. Questions should be directed to the Pennsylvania Agricultural Statistics Service; address and telephone number are shown on the front cover of this bulletin.

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Issued in late summer. Contains county data for major agricultural items.

KEYSTONE AG DIGEST —
Issued bi-monthly. Contains information relating to livestock, dairy, poultry, crops, prices, stocks, farm numbers, etc.

SPECIAL DAIRY REPORT —
Issued quarterly. Information relates to milk production and cost of producing milk.

BROILERS —
Issued weekly. Summary of broiler eggs set, chicks hatched and broilers placed for 15 states.

ANNUAL MANUFACTURED DAIRY —
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MACHINERY CUSTOM RATES —
Issued in May. Shows charges by custom operators for various farming activities for the current year.

WEEKLY CROP AND WEATHER ROUND-UP —
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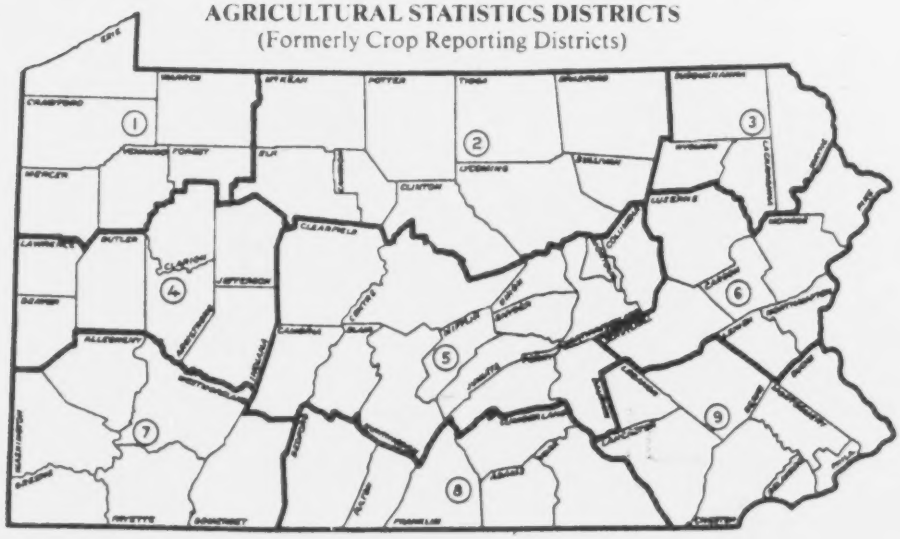

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1990-1991
STATISTICAL SUMMARY
and
Pennsylvania
Department of Agriculture
Annual Report

NATIONAL AGRICULTURAL STATISTICS SERVICE
U.S. DEPARTMENT OF AGRICULTURE/PENNSYLVANIA DEPARTMENT OF AGRICULTURE

COMMONWEALTH OF PENNSYLVANIA

Robert P. Casey, Governor

DEPARTMENT OF AGRICULTURE

Boyd E. Wolff, Secretary

cooperating with

UNITED STATES DEPARTMENT OF AGRICULTURE

Edward R. Madigan, Secretary

NATIONAL AGRICULTURAL STATISTICS SERVICE

Charles E. Caudill, Administrator

in compilation of agricultural statistics by

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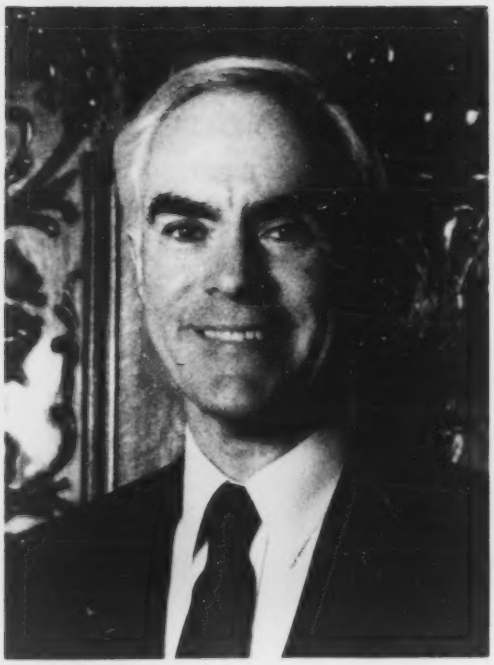

To Pennsylvania's Agricultural Family:

Our Commonwealth's farming tradition stretches back over hundreds of years. Even today, in our post-industrial era, Pennsylvania has one of the largest rural populations of any state in the nation.

Hard-working farm families have spurred the entire economy of our state, keeping agriculture our Commonwealth's number one industry. We are proud of their valuable contributions that help make life better for all Pennsylvanians.

In recognition of those achievements, the Commonwealth works to establish and maintain programs to benefit our farmers and their land. Through programs that focus on saving farmland, protecting animal health and promoting Pennsylvania products at home and abroad, the industry and our family farms continue to be efficient and productive.

I am pleased to present the 1990-91 Crop and Livestock Annual Summary which serves as a valuable reference and provides a statistical picture of Pennsylvania's number one industry.

Best wishes to the members of Pennsylvania's agricultural community for continued growth and success.

Robert P. Casey
Governor

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Established 1895

Commonwealth of Pennsylvania

Department of Agriculture

ANNUAL REPORT 1990-91

ROBERT P. CASEY
Governor

BOYD E. WOLFF
Secretary of Agriculture

To the Producers and Consumers of Pennsylvania:

There were many challenges in agriculture in 1990, and the Department of Agriculture is proud of our responses and accomplishments.

An outstanding effort by state and federal animal health experts helped contain the 1989 outbreak of Bovine TB in Dauphin County. I commend those involved for their long hours of dedicated work. In addition, I commend the dairy farmers who became involved as we tested more than 11,000 animals. Cooperation from farmers made it possible to regain our status as a Bovine Tuberculosis Accredited-Free State only one year after the outbreak.

During 1990, we also struggled with uncertain propane supplies and an outbreak of "swamp fever" in horses. There was strong competition at trade shows, but we had great success in export sales and in domestic markets.

I am proud of the Department's promoters and regulators. They protect and promote the safest food supply and the highest quality food in the world.

Our new logo and slogan says it all. "Quality...From Our Home To Yours." It's a true and fitting slogan because of the hard work and dedication of our farm families and the millions of workers who support and process agricultural production in Pennsylvania.

Boyd E. Wolff
Secretary of Agriculture

Farmland Preservation

The Department's $100 million effort to save farmland is moving into high gear. By the end of 1990, 14 counties had their programs approved by the State Board, 14 other counties were developing their plans, 25 counties had allocated $9.8 million in local funds to bolster the state effort, and $6.66 million had been spent to purchase easements on 2,135 acres on 22farms. This program is now positioned to protect large areas of productive farmland. During the past year, the Farmland Preservation Board spent much of its time approving programs that were under development.

During the coming year, the Board can shift its focus to actual purchases of easements that will save farmland. Allocations from 1989 and 1990 can still be used by counties, so more than $67.2 million in state and local funding is immediately available.

Quality...From Our Home to Yours

Consumers who want to buy quality Pennsylvania agriculture and food products can identify those products by looking for the Pennsylvania Pride logo.

Agriculture Secretary Boyd E. Wolff put it this way: "People know that the highest quality products come from farms and food producers near their homes right here in Pennsylvania, and we're helping them identify that quality when they shop."

The Department of Agriculture introduced the PennFood Promotion Program to raise consumer awareness and create additional demand for agriculture and food products produced or processed by Pennsylvania businesses. The new program utilizes the "Pennsylvania Pride" logo and the slogan, "Quality... From Our Home To Yours."

The PennFood Program began signing agreements with Pennsylvania businesses in September. By year's end thirty-four companies had adopted use of the logo on packaging.

Pennsylvania is Big Export Winner

Lt. Governor Mark Singel and Agriculture Secretary Boyd E. Wolff presented the 1990 Governor's Export Awards to three agricultural exporters during ceremonies in Philadelphia in May. The three exporters were recognized for their outstanding achievement in exporting Pennsylvania agricultural products.

International Agricultural Associates, Inc., of Nazareth, Northampton County won top honors in the small company category.

Sire Power, Inc., of Tunkhannock, Wyoming County, a leading exporter of frozen bull semen, was the winner in the medium-size category.

Hershey International, the export arm of the Hershey Foods Corporation, was the top award winner in the large company category.

In the export arena, Pennsylvania has been a consistent winner. In fact, Pennsylvania agricultural exports were at an all-time high for the fourth year in a row.

The Pennsylvania Department of Agriculture's International Trade Division works in cooperation with the United States Department of Agriculture's (USDA) Foreign Agricultural Service and the Eastern United States Agriculture Food Export Council (EUSAFEC).

The Department of Agriculture generated 109 trade leads for Pennsylvania companies during the SIAL International Food Show in Paris, October 22 to 26.

The Department's International Trade Division represented eight Pennsylvania companies. Five other companies sent their own representatives.

Trade leads developed at the Paris show were for processed foods such as gourmet mustards and mayonnaise, frozen gourmet pies, beer, processed poultry products, candy, fruit-flavored spring waters, liqueur cakes, ice cream toppings and garlic.

More Food Inspections Protect Consumers and Farmers

As part of intensified efforts to protect consumers and consumer confidence in quality Pennsylvania products, the Department of Agriculture hired 15 additional food inspectors and conducted 6,000 new inspections during 1990. More than 30,000 inspections were conducted in 1990, compared with 23,933 in 1987.

The Department also implemented an intensive program to educate dairymen on the elimination of drug residues in milk. Sampling surveys proved the training effort was a success.

During 1990, the Department also agreed to share pesticide data with the Food and Drug Administration (FDA) and with other states. In the 1989 federal fiscal year, ten states cooperated on 13,085 domestic samples.

In cooperation with The Pennsylvania State University and the Association of Milk Dealers, the Department has conducted evening training sessions for milk processors. The Department has also developed new methods to test milk for vitamins.

Salmonella Control

Pennsylvania continued the voluntary Salmonella enteritidis (SE) control program in 1990.

In addition, the Department of Agriculture funded research and expanded diagnostic services to assist the industry in efforts to prevent and eliminate SE.

The Department also prepared egg refrigeration legislation that was introduced in the legislature in early 1991.

Wolff Asks For Tough New Organic Standards

Secretary Wolff was in Washington on June 19 to urge Congress to adopt tough new federal standards for food products labeled "organic."

Wolff testified before the U.S. House Agriculture Committee's Subcommittee on Domestic Marketing, Consumer Relations, and Nutrition. Testifying on behalf of the National Association of State Departments of Agriculture (NASDA), he told members of the committee that under current standards a package containing less than 50 percent organic ingredients could possibly be labeled organic.

Wolff also urged federal lawmakers to recognize organic aquaculture products and to limit state standards that could interfere with interstate commerce.

Economic Development

Agricultural economic development has gotten new attention in recent years. Since 1987, $72 million has gone into agricultural processing and hardwoods development through PIDA, PEDFA, the Agricultural Entrepreneur Development Program and the PennAg Fund. The Department recently approved seven new technology loans that total $136,500. The Agricultural Entrepreneur Program provided grants during 1987-88,and was then developed into the PennAg Program, which provides loans to agricultural processors with less than 100 employees. PennAg will make $1 million available in the current fiscal year.

Animal Health Commission

Gov. Robert P. Casey met with the Pennsylvania Animal Health Commission in October and told Commission members that their work is helping to meet the administration's goal of strengthening the agricultural industry in Pennsylvania.

Pennsylvania's Animal Health Commission was created in December 1988. The Commission develops policy on all animal health, research, diagnostic and indemnity programs in the state. It also advises the Department of Agriculture on animal health research funding.

A project to develop a rapid test for *Salmonella enteritidis* (SE) headed a list of four research projects approved by the Commission in November.

The project approved by the Commission is aimed at development of an enzyme-linked immunosorbent assay (ELISA) test to permit immediate sensitive detection of SE in the field.

The University of Pennsylvania will receive $45,499 for the first year of the three-year research project.

The Animal Health Commission also approved $50,344 for three research projects at The Pennsylvania State University. Those projects include $19,044 to fund research to develop new preventive and control measures for Avian Influenza, $19,300 for genetic research of corona viruses and $12,000 to develop a vaccine for pseudorabies in swine herds.

Three veterinarians and six farmers serve on the Commission, along with the Secretaries of Agriculture and Health and four members of the General Assembly.

Bovine TB-Free Status Returned to Pennsylvania

Pennsylvania's status as a Bovine Tuberculosis Accredited-Free State was reinstated in September 1990.

Secretary of Agriculture Boyd E. Wolff commended the Department's Bureau of Animal Industry and federal animal health officials headquartered in the Department for their efforts to control the disease after it was detected on a dairy farm in Halifax (Dauphin County) on September 29, 1989.

The United States Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS) Veterinary Services approved the reinstatement of Bovine Tuberculosis Accredited Free State Status on Septer r 14, 1990.

When Bovine Tuberculosis was detected in 1989, a team of experts began an investigation that provided tuberculin testing for all animals that could have come in contact with cows from the Dauphin County herd where Bovine Tuberculosis appeared. There were 122 cows on the affected farm, and many animals had been sold to other herds or exhibited at livestock shows.

Efforts to control the spread of the disease involved tuberculin testing of 11,844 animals in 144 Pennsylvania dairy herds. The investigation involved tracing the movements of animals in 11 states.

Wolff also thanked the affected dairy farmers for their assistance during the effort to stop the spread of the disease.

USDA commended the Pennsylvania Department of Agriculture for the "high standards under which Pennsylvania conducted its bovine tuberculosis eradication program."

Outbreak of Swamp Fever in Bucks County

During the Labor Day Weekend of 1990, Agriculture Secretary Boyd E. Wolff advised horse owners to control insects in their stables after the Department of Agriculture quarantined horses on five Bucks County farms to control an outbreak of Equine Infectious Anemia (EIA).

Wolff advised horse owners in Bucks and adjacent Montgomery Counties to take precautions to protect their animals.

Twenty horses on farms in southern Bucks County and one horse from Chester County were diagnosed with Equine Infectious Anemia, a disease that is transmitted by biting insects.

Equine Infectious Anemia (EIA) is also known as "swamp fever." Caused by a virus that attacks red blood cells, the disease is often spread by horse flies. There is no effective treatment or vaccination for EIA.

Pseudorabies

Secretary of Agriculture Boyd E. Wolff urged swine producers in northern Lancaster County to join a voluntary vaccination program designed to stop the spread of pseudorabies.

The Department of Agriculture, the Lancaster Pork Producers Council and the Pennsylvania Pork Producers Council joined forces to eradicate the disease. As part of that effort, the Department's Bureau of Animal Industry created an area vaccination program for swine producers located north of Route 30 in Lancaster County.

Under cooperative agreements between the Department, the farmer, and the herd veterinarian, vaccination costs are borne by the producer while the Department provides laboratory testing at no cost and will pay fees to cooperating veterinarians who collect blood samples.

In addition, the Department assigned a veterinarian to coordinate the area vaccination program, and will assist with marketing of swine from quarantined areas.

Pesticide Regulations Protect Consumers

Pesticide regulations that went into effect in 1990 require licensed pesticide-application businesses to display the pesticide license numbers on all vehicles involved in applications. Each service vehicle must now be labeled with the firm's business license number following the letters "BU."

The provision for displaying business applicators' license numbers on vehicles reassures customers that the pest-control or lawn-control services are performed by trained pesticide applicators.

General-use pesticides, available at retail stores, do not require an applicator's license when applied by an individual to the property he owns or rents, however safety precautions and label directions must be followed.

Technicians for commercial applicators may only use pesticides, equipment and techniques for which they have been properly trained. In addition, each licensed business is required to maintain its own liability insurance and must meet the requirements for comprehensive general liability insurance, including coverage for pesticides applications.

The new regulations assure consumers that they are receiving pest control services from a properly licensed business.

Environmental Protection

In working to protect the environment, the Department implemented pesticide regulations in line with federal regulations during 1990. We also implemented an Integrated Pest Management Program to educate farmers on how to reduce chemical use.

Our Registry of Pesticide Hypersensitive Individuals is the first of its kind in the nation, and now includes 285 citizens.

Rabies Cases Decline

Rabies remains a threat in Pennsylvania, but the total number of cases dropped from 700 to 611 in 1990. Vaccination of wildlife began on an experimental basis in 1991. In the meantime, our work to get domestic pets vaccinated is paving off. In 1990, not one confirmed case of rabies involved a dog.

Dangerous Dog Law

Act 46, the Dangerous Dog Law, went into effect in the summer of 1990. This new law requires owners to register dangerous dogs with the Department of Agriculture, and to keep dangerous dogs confined so they do not threaten citizens. By the end of 1990, 17 dogs had been identifed and registered as dangerous dogs.

Farmers Advised to Check Propane Supplies and Look for Other Ways to Heat

In October, Agriculture Secretary Boyd E. Wolff advised farmers to check their propane supplies and not to rely on a single source of energy during the upcoming heating season.

Wolff pointed out that there were local shortages during severe cold in 1989, and in 1990 the problem was compounded by uncertain supplies because of developments in the Mideast.

Wolff also suggested that farmers think about farm projects that would promote conservation or provide a farm operation with the ability to switch fuels if one type should become scarce during extremely cold weather.

The Secretary's advice came after the United States Department of Energy (DOE) notified the Pennsylvania Energy Office that primary propane stocks were 15 percent below 1989 levels. In addition, DOE's Energy Information Administration predicted possible winter propane supply problems in the Northeast.

Farm Show Keeps Getting Better and Better

It was a year of preparation in 1990 at the Farm Show, as the complex was readied for the 75th Farm Show celebration in January 1991. Premiums were increased by more than 23 percent between 1987 and the 75th Farm Show. The big anniversary show was the debut for the new Food Court that centralized all that tasty Farm Show food in the East Building. Benjamin Franklin also made a special appearance in the lobby in the form of a life-sized butter sculpture.

The special committee to make improvements to the Junior Livestock Sale continued its work during the year, and there were more welcome changes to the Friday Sale of Champions. The 1991 Junior Livestock Sale generated $182,000 for young exhibitors, a 31% increase over prices during the 1989 show.

There were also major improvements to the buildings, as the Large Arena of the Pennsylvania State Farm Show Complex got a new metal roof. The new roof had a price tag of $3.2 million, and is part of more than $8 million worth of improvements that have been completed or are underway since 1990. The arena was also outfitted with new lighting and a new sound system. The original cost of construction of the Farm Show Complex was $1.2 million.

During 1990, plans were finalized for construction of the new Livestock Exhibition Hall. This project was first authorized by the Legislature in 1957, but it was placed on a back burner and construction was delayed for 34 years. Construction work is currently underway, and the new two-story building is scheduled for completion in 1993.

New Study Documents Major Impact of the Farm Show

According to a new Penn State University study, the economic impact of the Pennsylvania State Farm Show exceeds $8 million annually.

The study, coordinated by Dr. Richard Gitelson of Penn State's Center for Trade and Tourism Research, estimates that members of the general public, livestock exhibitors and commercial exhibitors spent $7.6 million while attending the 1990 show. In addition, $660,000 was spent on non-food items within the Farm Show Complex.

Approximately half of the economic impact benefited the seven-county region surrounding the Farm Show Complex (Adams, Cumberland, Dauphin, Lancaster, Lebanon, Perry and York Counties).

The study was conducted through brief on-site interviews by graduate students and through questionnaires mailed to survey participants on the Monday following the 1990 Farm Show. Survey participants included show visitors and exhibitors.

Texans Look at Pennsylvania System

Pennsylvania's system for distributing surplus food to schools, food banks and other recipients may serve as a model for a similar system under development in Texas.

A delegation from the Texas Food Distribution Unit visited the Commonwealth in April to assess the Pennsylvania system, which utilizes commercial distributors to deliver food commodities to 2,400 recipient agencies.

Pennsylvania's system cuts storage and transportation costs and lets local agencies put more of their resources where they are needed. As an added benefit, products move more efficiently and there is reduced risk of spoilage.

The United States Department of Agriculture is encouraging states to adopt a distribution system similar to the one in operation in Pennsylvania since July 1, 1988.

Off Track Wagering

The first of 23 Pennsylvania off-track wagering locations opened in June in New Castle. With a staff of 120 people and an annual payroll of $840,000, the New Castle operation features full dining facilities, lounge and bar, a large screen teletheater and 250 TV monitors offering live racing from up to three tracks at once. Thoroughbred racing from Philadelphia Park is the afternoon attraction with harness racing from Ladbroke at the Meadows and Pocono Downs on the evening program.

Results from the first six months of operation at New Castle exceeded predictions. Statistics show 183,988 racing fans wagered $17,055,128 for a daily average of $102,742.

Center City Philadelphia's Turf Club facility opened in August. With 200 television monitors, this operation at 1635 Market Street offers live racing from 4 Pennsylvania race tracks plus out-of-state special races.

Results in Philadelphia also exceeded expectations. During 1990 137,090 racing fans wagered $18,665,734 for a daily average of $159,536.

World Food Day

On World Food Day on October 16, Lt. Gov. Mark S. Singel and Agriculture Secretary Boyd E. Wolff praised volunteers who serve the needy through local food banks around the state.

Singel called the concerned citizen volunteers "the front line soldiers in our battle to minimize the suffering in our cities and rural areas alike."

Singel and Wolff presented certificates of commendation signed by Gov. Robert P. Casey to 13 food bank volunteers.

World Food Day was created by member nations of the United Nations Food and Agriculture Organization to increase awareness and understanding of the complex issues of food security.

Singel and Wolff took part in World Food Day events arranged by Gov. Casey's Inter-Agency Council on Food and Nutrition.

Staff from Harrisburg's Bethesda Mission gave state lawmakers symbolic cardboard lunch boxes filled with information about food programs for the needy.

Wolff Serves As NASDA Chairman

Pennsylvania Secretary of Agriculture Boyd E. Wolff was elected chairman of the Northeastern Region of the National Association of State Departments of Agriculture (NASDA) during that organization's 75th anniversary meeting in Virginia.

Wolff, who serves as Chairman of NASDA's Dairy Food and Drug Committee, was also elected to serve on NASDA's Board of Directors.

During NASDA's fall meeting, Secretary Wolff helped spearhead passage of a Salmonella enteritidis control resolution recommending that all states standardize their control measures for SE.

The NASDA resolution also urged USDA to amend federal rules so that restrictions be imposed only on infected flocks implicated in an SE outbreak, and that only an infected flock be restricted when SE is traced to a multiple flock production facility.

NASDA is a nonprofit, nonpartisan organization comprised of the 50 state Departments of Agriculture and those from the trust territories of Puerto Rico, Guam, American Samoa and the Virgin Islands. The members of the organization are Commissioners, Secretaries and Directors of the Departments of Agriculture in the 50 states and four trust territories.

Legislative Accomplishments For Agriculture in 1990

ACT 14 - Makes it illegal to transport any food product or produce in a vehicle that has been used to transport any municipal, residual or hazardous waste. (referred to as backhauling)

ACT 42 - Amends Vehicle Code to provide for commercial drivers' licenses. Allows exemptions for farmers or their employees who operate a farm truck within 150 miles of the farm to haul their farm products or supplies.

ACT 45 - Amends the Dog Law to allow police dogs into places of entertainment; exempts from licensing requirements puppies being trained as guide dogs.

ACT 46 - Known as the Dangerous Dog Bill, this legislation requires owners of these animals to register them with the Department of Agriculture, obtain a surety bond or liability insurance and keep them confined. Provides penalties for violations.

ACT 48 - Amends the Liquor Code to allow issuance of restaurant liquor licenses to non-primary pari-mutual wagering locations or race tracks.

ACT 1-A - Supplemental budget bill includes federal appropriations for poultry grading, diagnostic laboratory, medicated feed mill inspections, and pesticide certification and training.

ACT 57 - Amends the Farmland Preservation Act to give the Board authority until the Regulations are final. Allows a member of the state board or county board to sell his conservation easement. Continues the first annual allocation to the counties for three county fiscal years, and the second and third allocations to continue for two county fiscal years.

ACT 63 - Amends the Vehicle Code to allow implements of husbandry used exclusively for highly-perishable crops to operate between sunset and sunrise during May 20 to October ~~15~~.

ACT 67 - Raises fees for some Department of Agriculture licenses: bakery, cold storage, dessert, nonalcoholic drinks, and inspection of plants and trees. Also eliminates ceiling for commercial feed law monies collected.

ACT 70 - Creates the offense of trespass by motor vehicles on private real property and amends the Vehicle Code to provide for the CAT fund.

ACT 109 - Amends the Solid Waste Laws to allow aquacultural and food processing wastes to be included under the definition of agricultural wastes.

ACT 112 - Amends the Consolidated Statutes to provide agricultural immunity from lawsuits against the owner of a pick-your-own operation.

ACT 117 - The Capitol Project Itemization Act for 1990-91that includes funding for improvements to the heating and lighting systems at the Farm Show.

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STATISTICAL SUMMARY 1990-91

NATIONAL AGRICULTURAL STATISTICS SERVICE
U.S. DEPARTMENT OF AGRICULTURE/PENNSYLVANIA DEPARTMENT OF AGRICULTURE

DAIRY SUMMARY - 1990

By MARK E. HUDSON

MILK PRODUCTION DROPS LESS THAN ONE PERCENT: Pennsylvania's milk production for 1990 was 9.9 billion pounds, slightly below 1989 production. Milk production during the months of January, February, March, April, and May were below last year's figures. During the last six months of the year, monthly production exceeded milk produced during the last six months of 1989. Improved weather conditions, compared to last year's excessively wet year, made higher quality forage available, which contributed to the increased milk production the last half of the year.

Milk production per cow followed the same pattern as total milk production. The 1990 average was 14,543 pounds for the year, 219 pounds more than 1989's production of 14,324 pounds per cow. This increase was due to the wet conditions of 1989 and more normal conditions of 1990.

Pennsylvania maintained its fifth place ranking in the nation in milk production, producing 6.7 percent of the nation's milk. Wisconsin is first, with 16.5 percent of the U.S. production, followed by California, New York, and Minnesota, respectively. Pennsylvania moved closer to Minnesota in terms of total milk production despite the lower production the first half of the year.

The number of milk cows in the State averaged 683,000 head in 1990, 15,000 less than in 1989. Cow numbers fell to 677,000 during May, then rose slightly, finishing the year at 686,000 head in December.

The number of commercial dairy farms for 1990 is estimated at 13,000 , 200 less than during 1989. Commercial dairy farms are defined as farms with 10 or more milk cows in operation during the year.

MILK DISPOSITION AND INCOME: Gross income from marketings of Pennsylvania milk during 1990 totaled 1.50 billion dollars, up 3 percent from 1989. Marketings totaled 9.8 billion pounds in 1990, slightly below marketings in 1989. Returns from both wholesale and retail sales in 1990 averaged $15.23 per hundred pounds of milk, compared with $14.69 per hundred pounds in 1989.

An estimated 110 million pounds of milk were used on farms where produced. Calves in the Commonwealth were fed 70 millions pounds of milk while 40 million pounds were used by producer's households as fluid milk, cream and butter.

PRODUCTION COSTS: Costs of producing milk in Pennsylvania averaged $12.86 per hundred pounds of milk during 1990 compared with $12.52 during 1989. This estimated cost of producing milk does not include any returns (costs) for management or equity capital or changes in inventory values of capital items but does include a return to operator and family labor.

PENNSYLVANIA: COST OF PRODUCING MILK,
SELECTED ITEMS AND TOTAL, BY MONTHS, 1990

Month	Purchased Feed	Fertilizer & Lime	Fuels & Lubricants	Dairy Animals Purchased	Hauling	Interest	Depreciation	Value Family Labor	Hired Labor	Other	Total
	Dollars Per Cwt. Of Milk Shipped										
January.....	2.780	0.406	0.292	0.299	0.438	0.608	1.359	1.973	0.639	3.634	12.43
February.....	2.752	0.350	0.302	0.299	0.446	0.629	1.408	1.852	0.676	3.654	12.37
March.....	2.973	0.742	0.365	0.299	0.440	0.629	1.408	2.041	0.661	3.654	13.21
April.....	2.753	1.108	0.451	0.404	0.444	0.589	1.431	1.971	0.681	3.628	13.46
May.....	2.718	2.293	0.490	0.174	0.435	0.580	1.411	1.928	0.630	3.560	14.22
June.....	2.641	1.292	0.419	0.403	0.435	0.575	1.397	1.852	0.632	3.532	13.18
July.....	2.417	0.457	0.363	0.299	0.427	0.582	1.414	2.245	0.689	3.572	12.47
August.....	2.619	0.257	0.431	0.452	0.469	0.580	1.409	1.755	0.601	3.580	12.15
September....	2.760	0.238	0.512	0.288	0.435	0.587	1.426	1.950	0.696	3.607	12.50
October.....	2.807	0.563	0.295	0.295	0.433	0.583	1.451	1.964	0.733	3.543	12.67
November.....	2.982	0.280	0.489	0.204	0.437	0.588	1.465	1.725	0.695	3.557	12.42
December.....	2.880	0.946	0.475	0.172	0.445	0.568	1.415	2.297	0.689	3.416	13.30
Average.....	2.757	0.744	0.407	0.299	0.440	0.591	1.416	1.963	0.669	3.578	12.86
% of Total...	21.4	5.8	3.2	2.3	3.4	4.6	11.0	15.3	5.2	27.8	100.0

PENNSYLVANIA: MILK COWS, MILK PRODUCTION AND MILK PRICE, BY MONTHS, 1970-1990

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						Milk Cows on Farm 1/ (000) Head							
1970.....	712	710	708	707	706	705	704	703	702	701	700	698	705
1975.....	688	695	700	705	703	700	697	703	701	699	698	704	699
1980.....	712	713	710	705	705	705	707	712	714	718	718	718	711
1983.....	738	737	737	734	733	731	727	731	735	737	744	740	735
1984.....	737	729	720	718	718	720	727	731	737	738	735	735	729
1985.....	735	735	735	738	738	736	740	743	745	746	745	747	740
1986.....	741	739	738	730	730	732	732	734	734	735	735	730	734
1987.....	729	725	719	718	718	716	720	720	718	718	721	724	721
1988.....	724	720	715	712	713	715	715	717	720	719	716	719	717
1989.....	715	710	704	695	695	690	692	697	695	693	694	694	698
1990.....	692	689	684	680	677	680	676	682	682	685	687	686	683
						Milk Production Per Cow (Pounds)							
1970.....	825	765	875	880	940	885	850	830	825	840	775	820	10,105
1975.....	825	775	875	885	955	910	855	845	825	825	795	835	10,215
1980.....	965	960	995	985	1,065	1,030	1,000	985	980	990	990	1,000	11,949
1983.....	1,060	1,020	1,075	1,055	1,155	1,125	1,105	1,090	1,070	1,070	1,055	1,055	12,939
1984.....	1,075	1,085	1,085	1,070	1,170	1,130	1,100	1,070	1,045	1,050	1,025	1,030	12,926
1985.....	1,060	1,030	1,090	1,075	1,210	1,175	1,160	1,140	1,110	1,150	1,130	1,155	13,491
1986.....	1,155	1,070	1,140	1,140	1,250	1,200	1,185	1,160	1,120	1,140	1,120	1,150	13,831
1987.....	1,170	1,115	1,205	1,180	1,270	1,210	1,190	1,175	1,135	1,170	1,145	1,170	14,123
1988.....	1,185	1,150	1,210	1,190	1,270	1,180	1,180	1,170	1,150	1,180	1,165	1,200	14,232
1989.....	1,240	1,200	1,290	1,280	1,310	1,180	1,155	1,135	1,105	1,145	1,125	1,160	14,324
1990.....	1,185	1,140	1,250	1,240	1,310	1,230	1,220	1,200	1,140	1,190	1,195	1,240	14,543
						Total Milk Production (Million Pounds)							
1970.....	587	543	620	622	664	624	598	583	579	589	543	572	7,124
1975.....	568	539	613	624	671	637	596	594	578	577	555	588	7,140
1980.....	687	684	706	694	751	726	707	701	700	711	711	718	8,496
1983.....	782	752	792	774	847	822	803	797	786	789	785	781	9,510
1984.....	792	791	781	768	840	814	800	782	770	775	753	757	9,423
1985.....	779	757	801	793	893	865	858	847	827	858	842	863	9,983
1986.....	856	791	841	832	913	878	867	851	822	838	823	840	10,152
1987.....	853	808	866	847	912	866	857	846	815	840	826	847	10,183
1988.....	858	828	865	847	906	844	844	839	828	848	834	863	10,204
1989.....	887	852	908	890	910	814	799	791	768	793	781	805	9,998
1990.....	820	785	855	843	887	836	825	818	777	815	821	851	9,933
						Wholesale Milk Price (Dollars Per Cwt.)							
1970.....	6.44	6.39	6.31	6.37	6.19	6.15	6.24	6.31	6.47	6.65	6.73	6.77	6.42
1975.....	8.87	8.85	8.65	8.60	8.49	8.43	8.63	9.33	9.80	10.20	10.50	10.80	9.25
1980.....	13.40	13.40	13.30	13.20	13.10	13.00	13.10	13.40	13.80	14.30	14.50	14.80	13.60
1983.....	14.30	14.20	14.10	14.10	13.70	13.50	13.70	13.80	13.90	14.40	14.50	14.20	14.00
1984.....	14.20	13.90	13.90	13.70	13.30	13.30	13.40	13.60	14.10	14.40	14.70	14.30	13.90
1985.....	14.30	14.00	13.70	13.30	12.90	12.50	12.50	12.50	12.50	12.90	12.90	12.90	13.10
1986.....	13.00	12.90	12.60	12.40	12.30	12.20	12.40	12.60	13.10	13.50	13.80	14.00	12.90
1987.....	13.80	13.50	13.10	12.70	12.30	12.30	12.50	12.80	13.40	13.80	13.80	13.50	13.10
1988.....	13.30	13.10	12.70	12.40	12.10	12.10	12.30	12.70	13.50	14.00	14.50	14.70	13.10
1989.....	14.60	14.20	13.80	13.30	13.20	13.30	13.60	14.20	14.90	15.80	16.50	17.10	14.50
1990.....	16.90	15.90	15.40	14.50	14.50	14.80	15.20	15.50	15.50	14.70	14.10	12.80	15.00

PENNSYLVANIA: MILK USED AND MARKETED BY FARMERS, 1970-1990

Year	Production of Milk & Milkfat 2/			Milk Used on Farms Where Produced			Milk Marketed by Farmers			
							Sold to Plants & Dealers		Sold Directly To Consumers 4/	Total
	Milk	Milkfat	Butterfat %	Fed To Calves	Used For Milk, Cream and Butter	Total	As Whole Milk	As Separated Cream 3/		
					Million Pounds					
1970.....	7,124	266	3.73	54	126	180	6,725	18	201	6,944
1975.....	7,140	265	3.71	41	90	131	6,705	15	289	7,009
1980.....	8,496	315	3.71	60	42	102	7,930	-	464	8,394
1983.....	9,510	348	3.66	86	57	143	9,015	-	352	9,367
1984.....	9,423	347	3.68	104	47	151	8,995	-	277	9,272
1985.....	9,983	365	3.66	80	50	130	9,555	-	298	9,853
1986.....	10,152	373	3.67	81	41	122	9,730	-	300	10,030
1987.....	10,183	374	3.67	76	41	117	9,770	-	296	10,066
1988.....	10,204	378	3.70	74	40	114	9,810	-	280	10,090
1989.....	9,998	369	3.69	72	39	111	9,630	-	257	9,887
1990.....	9,933	363	3.65	70	40	110	9,567	-	256	9,823

1/ Average number in milking herds. 2/ Excludes milk sucked by calves. 3/ Total milk separated on farms for cream sales to plants and dealers. 4/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

PENNSYLVANIA: AVERAGE NUMBER OF MILK COWS, PRODUCTION AND VALUE OF PRODUCTION, 1990

County & District	Average Number of Milk Cows	Production 1/		Value of Production 2/
		Per Cow	Total	
	Number	Pounds	(000) Lbs.	(000) Dols.
Crawford	22,000	14,500	319,000	48,575
Erie	15,800	13,500	213,300	32,480
Forest	200	11,900	2,380	362
Mercer	12,000	14,600	175,200	26,678
Venango	2,200	12,900	28,380	4,322
Warren	5,400	13,800	74,520	11,347
NORTHWESTERN, TOTAL	**57,600**	**14,111**	**812,780**	**123,764**
Bradford	38,100	13,700	521,970	79,482
Cameron	100	12,100	1,210	184
Clinton	4,100	12,300	50,430	7,679
Elk	700	12,700	8,890	1,354
Lycoming	7,800	13,700	106,860	16,272
McKean	1,900	13,900	26,410	4,022
Potter	6,000	14,900	89,400	13,613
Sullivan	2,500	14,300	35,750	5,444
Tioga	20,800	13,500	280,800	42,758
NORTH CENTRAL, TOTAL	**82,000**	**13,680**	**1,121,720**	**170,808**
Lackawanna	2,700	13,200	35,640	5,427
Susquehanna	18,900	13,900	262,710	40,004
Wayne	14,700	13,200	194,040	29,547
Wyoming	6,200	13,900	86,180	13,123
NORTHEASTERN, TOTAL	**42,500**	**13,613**	**578,570**	**88,101**
Armstrong	4,600	13,700	63,020	9,596
Beaver	4,200	12,600	52,920	8,058
Butler	6,900	13,400	92,460	14,079
Clarion	4,900	14,200	69,580	10,595
Indiana	9,300	13,600	126,480	19,259
Jefferson	4,000	12,900	51,600	7,857
Lawrence	8,500	13,800	117,300	17,862
WEST CENTRAL, TOTAL	**42,400**	**13,523**	**573,360**	**87,306**
Blair	14,300	14,700	210,210	32,009
Cambria	2,300	14,000	32,200	4,903
Centre	13,000	15,500	201,500	30,683
Clearfield	2,700	13,700	36,990	5,633
Columbia	3,900	14,200	55,380	8,433
Dauphin	6,700	14,800	99,160	15,099
Huntingdon	12,500	13,500	168,750	25,696
Juniata	8,700	14,700	127,890	19,474
Mifflin	15,000	15,300	229,500	34,947
Montour	2,500	14,400	36,000	5,482
Northumberland	4,300	15,100	64,930	9,887
Perry	8,400	16,100	135,240	20,593
Snyder	8,700	13,600	118,320	18,017
Union	7,500	15,100	113,250	17,245
CENTRAL, TOTAL	**110,500**	**14,745**	**1,629,320**	**248,101**
Carbon	400	12,200	4,880	743
Lehigh	1,600	14,200	22,720	3,460
Luzerne	2,700	12,500	33,750	5,139
Monroe	500	12,800	6,400	975
Northampton	6,100	14,000	85,400	13,004
Pike	100	13,700	1,370	209
Schuylkill	2,700	13,900	37,530	5,715
EAST CENTRAL, TOTAL	**14,100**	**13,621**	**192,050**	**29,245**
Allegheny	800	12,700	10,160	1,547
Fayette	4,400	13,400	58,960	8,978
Greene	1,600	12,900	20,640	3,143
Somerset	19,600	14,100	276,360	42,082
Washington	8,800	12,700	111,760	17,018
Westmoreland	9,800	13,400	131,320	19,996
SOUTHWESTERN, TOTAL	**45,000**	**13,538**	**609,200**	**92,764**
Adams	8,200	14,800	121,360	18,480
Bedford	19,000	13,500	256,500	39,058
Cumberland	21,800	15,000	327,000	49,793
Franklin	42,100	15,700	660,970	100,648
Fulton	5,800	14,200	82,360	12,541
York	14,200	14,700	208,740	31,785
SOUTH CENTRAL, TOTAL	**111,100**	**14,914**	**1,656,930**	**252,305**
Berks	24,800	15,100	374,480	57,023
Bucks	4,000	14,500	58,000	8,832
Chester	24,400	15,400	375,760	57,218
Delaware	300	15,100	4,530	690
Lancaster	99,000	15,800	1,564,200	238,186
Lebanon	21,200	15,200	322,240	49,068
Montgomery	4,100	14,600	59,860	9,115
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**177,800**	**15,414**	**2,759,070**	**420,131**
PENNSYLVANIA	**683,000**	**14,543**	**9,933,000**	**1,512,525**

1/ Excludes milk sucked by calves. 2/ Valued at average returns per 100 pounds of milk combined marketings of milk and cream. Includes value of milk fed to calves.

MANUFACTURED DAIRY PRODUCTS - 1990

By MARK E. HUDSON

PENNSYLVANIA'S ICE CREAM PRODUCTION DROPS SIX PERCENT: Pennsylvania manufacturers produced 68.9 million gallons of ice cream in 1990, second nationally to California's 102.7 million gallons. Ice milk production totaled 22.6 million gallons, down 2 percent from 1989. Pennsylvania slipped to third behind Illinois for ice milk production. Milk sherbet production at 3.4 million gallons registered a 26 percent decrease from the previous year.

BUTTER PRODUCTION - THIRTEEN PERCENT INCREASE: The state's processors churned out 76.0 million pounds of butter during 1990. Creamed cottage cheese production at 25.6 million pounds dropped 6 percent.

CHEESE PRODUCTION UP 12.7 PERCENT: Production of all cheese (excluding cottage cheese), totaled 248.6 million pounds in 1990. Production of mozzarella and similar cheeses at 163.2 million pounds was up 13.7 percent and production of all types of Italian cheeses increased 12.9 percent to 203.5 million pounds. Swiss cheese production increased slightly from last year.

MANUFACTURED DAIRY PRODUCTS USE OF MILK INCREASES 3.3 PERCENT: A total of 4.70 billion pounds of milk (on a whole milk basis) was used to manufacture dairy products during 1990. Butter accounted for 37 percent of this total; frozen products, 24 percent; cheese and other dairy products used 39 percent.

PENNSYLVANIA: SPECIFIED DAIRY PRODUCTS MANUFACTURED, 1990 1/

Product	Plants	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	Number	(000) Pounds												
Butter	9	8,557	6,830	7,070	7,728	7,581	4,616	4,664	3,949	4,414	6,322	6,977	7,255	75,963
Swiss Cheese	4	425	394	520	516	604	591	537	530	459	501	484	504	6,065
Italian, All	13	17,381	16,207	18,600	19,173	18,460	18,103	18,849	16,808	14,923	16,393	13,654	14,940	203,491
Mozzarella & Similars	11	14,600	12,896	14,717	15,973	15,082	14,689	15,802	13,473	11,879	13,025	10,043	11,028	163,207
Other Italian	12	2,781	3,311	3,883	3,200	3,378	3,414	3,047	3,335	3,044	3,368	3,611	3,912	40,284
Cheese, Total	25	20,443	18,634	22,533	22,314	21,787	21,792	22,289	20,712	18,387	20,934	19,186	19,586	248,597
Cottage Cheese:														
Creamed	5	1,776	2,116	2,530	2,309	2,196	2,102	2,251	2,338	2,358	2,262	1,741	1,587	25,566
Low Fat	4	1,314	1,791	2,197	2,038	1,776	1,604	1,808	1,858	1,797	1,789	1,606	1,129	20,707
		(000) Gallons												
Ice Cream, Total	-	4,777	4,919	6,689	5,685	6,885	6,670	7,078	6,495	4,799	5,378	4,788	4,761	68,924
Hard	56	4,374	4,522	6,148	5,219	6,309	6,112	6,451	5,931	4,562	4,918	4,420	4,404	63,370
Ice Milk, Total	-	1,700	1,434	1,752	2,023	2,358	2,172	2,271	2,446	1,945	1,730	1,578	1,171	22,580
Soft	-	1,039	993	1,241	1,396	1,598	1,520	1,691	1,753	1,319	1,117	1,039	807	15,513
Milk Sherbet	-	312	280	295	370	279	307	347	257	282	320	236	142	3,427
Mix, Ice Cream	49	2,491	2,447	3,336	2,896	3,562	3,457	3,900	3,471	2,698	2,849	2,267	2,196	35,570
Ice Milk	35	795	758	951	1,078	1,225	1,170	1,293	1,343	1,018	861	804	617	11,913
Milk Sherbet	34	204	183	197	234	186	202	229	168	206	207	146	87	2,249
Water Ices	14	123	138	195	154	243	225	274	230	32	127	96	86	1,923

1/ Production not shown when less than 3 plants or individual plant operations might be disclosed.

PENNSYLVANIA: DAIRY PRODUCTS MANUFACTURED, 1980-1990

Manufactured Products	1980	1984	1985	1986	1987	1988	1989	1990
				(000) Pounds				
Butter	59,172	63,152	64,230	68,215	57,232	59,720	67,248	75,963
Swiss Cheese	6,969	5,995	8,173	8,277	5,775	6,543	5,950	6,065
Italian Cheese, All	41,476	131,831	151,645	167,312	171,850	179,403	180,275	203,491
Mozzarella & Similars	24,912	100,748	119,332	130,600	134,293	138,622	143,490	163,207
Other Italian	16,564	31,083	32,313	36,712	37,557	40,781	36,785	40,284
Total Cheese	101,262	202,711	221,595	227,898	223,444	223,161	220,564	248,597
Cottage Cheese:								
Lowfat 1/	---	---	---	---	---	---	---	20,707
Creamed	45,408	38,419	35,352	34,016	38,034	39,598	27,302	25,566
				(000) Gallons				
Ice Cream, Total	79,939	80,250	84,275	88,413	90,297	87,308	73,583	68,924
Hard	75,482	76,675	80,013	83,320	84,222	81,759	66,679	63,370
Ice Milk, Total	15,187	14,901	15,020	16,117	17,737	20,838	23,065	22,580
Soft	9,881	10,728	10,961	11,786	12,920	13,922	15,075	15,513
Milk Sherbet	3,562	3,845	3,941	3,490	3,727	5,093	4,645	3,427
Mix, Ice Cream	41,001	42,071	44,518	47,121	47,265	45,724	38,396	35,570
Ice Milk	7,045	7,434	7,292	7,673	9,065	10,136	11,235	11,913
Milk Sherbet	2,309	2,588	2,667	2,391	2,606	3,530	2,956	2,249
Water Ices	2,164	1,975	2,368	2,619	2,605	2,422	2,408	1,923

1/ Production for some products not shown when less than 3 plants or individual plant operations might be disclosed.

PENNSYLVANIA: RANK AMONG STATES IN MANUFACTURED DAIRY PRODUCTS, 1990

Item	1	2	3	4	5	6	7	8	9	10
Butter	Wisc.	Calif.	Minn.	PA.	Ohio	N.Y.	Kans.	Mich.	Oreg.	Mo.
All Cheese	Wisc.	Calif.	Minn.	N.Y.	Iowa	PA.	Mo.	Idaho	S. Dak.	Ill.
Italian Cheese, Total	Wisc.	Calif.	N.Y.	PA.	S. Dak.	Iowa	Minn.	Wash.	Ill.	--
Creamed Cottage Cheese	N.Y.	Ill.	Calif.	Ohio	Wisc.	PA.	Ind.	Ky.	Wash.	Va.
Ice Cream, Total	Calif.	PA.	Texas	N.Y.	Ohio	Minn.	N.C.	Ill.	Mass.	Iowa
Ice Milk, Total	Calif.	Ill.	PA.	Texas	Ohio	Fla.	N.Y.	Mich.	Minn.	Iowa
Milk Sherbet	Calif.	Iowa	Ohio	PA.	N.Y.	Texas	Fla.	Minn.	Ind.	N.C.
Total Frozen Products	Calif.	PA.	Texas	N.Y.	Ohio	Ill.	Minn.	Iowa	N.C.	Mich.
Whole Milk In Manufactured Milk Products	Wisc.	Calif.	Minn.	PA.	N.Y.	Wash.	Iowa	Ohio	Texas	Mo.

LIVESTOCK INVENTORY & PRODUCTION 1990

By MARK E. HUDSON

The total value of all cattle, hogs, and sheep on Pennsylvania farms at the end of 1990 was $1.49 billion, up 1 percent from the previous year. Cattle inventory was valued at over $1.40 billion on January 1, 1991, accounting for 94 percent of the total value of all livestock in Pennsylvania. Sheep inventory, valued at $12.3 million, accounted for less than 1 percent of the total. Hog inventory, valued at $77.3 million on December 1, 1990, accounted for 5 percent of the total livestock inventory value at the end of 1990.

CATTLE: All cattle in Pennsylvania totaled 1,820,000 head on January 1, 1991, down 2 percent from January 1, 1990. Of the total, 870,000 were cows and heifers that had calved. Milk cow inventory totaled 686,000, down 1 percent from one year earlier, while the number of beef cows at 184,000 head was up 5 percent from last year. Heifers 500 pounds and over totaled 370,000, down 3 percent from the inventory on January 1, 1990. There were 280,000 heifers for dairy replacement and 43,000 for beef cow replacement. Steers 500 pounds and over totaled 205,000. A total of 29,000 bulls 500 pounds and over were on hand. Calves under 500 pounds totaled 346,000, down 6 percent. The 1990 Pennsylvania calf crop totaled 780,000 head, 2.5 percent less than the 1989 calf crop.

The total value of beef production was $422.8 million in 1990, up 14 percent from the previous year. There were 38,000 Pennsylvania farms having cattle during 1990, down 2,000 from a year earlier. Farms with milk cows decreased 1,000 from 1989 to 15,500.

Pennsylvania ranked 17th in the United States in cattle inventory on January 1, 1991, and 5th in milk cow inventory.

HOGS: There were 920,000 hogs and pigs on Pennsylvania farms as of December 1, 1990, down 6 percent from the previous year. Breeding hog inventory, at 100,000 head, was 1 percent below the previous year. A total of 820,000 market hogs and pigs were on hand as of December 1, 1990, down 5 percent from last year.

Pennsylvania's pig crop in 1990 totaled 1,365,000, down 2 percent from 1989. A total of 169,000 sows farrowed in 1990, averaging 8.0 pigs per litter.

Pork production was valued at $174.0 million for 1990, 24 percent more than in 1989. Hog farmers numbered 8,000 in 1990, down 500 from the previous year.

Pennsylvania's hog inventory was again tied with Kentucky at 14th in the United States on December 1, 1990.

SHEEP: January 1, 1991 sheep and lamb inventory totaled 140,000 head, up 4 percent from January 1, 1990. Commonwealth flocks included 108,000 sheep one year old and older and 32,000 lambs under 1 year old. Ewes one year old and over totaled 100,000 head, and ewe lambs totaled 19,000.

The total lamb crop for 1990 was 100,000 lambs, 2 percent more than in 1989. Wool production totaled 739,000 pounds from 107,000 sheep shorn during 1990.

Sheep production in 1990 was valued at $4.3 million, down 9 percent from 1989. The value of wool produced during the year was $288,000, down 49 percent from 1989. Sheep farms numbered 3,800, down 200 from last year.

Pennsylvania ranked 20th in the United States in sheep and lamb inventory as of January 1, 1991.

RED MEAT PRODUCTION: Pennsylvania red meat production in commercial slaughter establishments totaled 993 million pounds, down 3 percent from 1989. There were 247 commercial slaughter plants in Pennsylvania on January 1, 1991, 20 fewer than on January 1, 1990.

Commercial cattle slaughter totaled 961,700 head in 1990, 3 percent less than the previous year. Total liveweight for cattle slaughtered was 1.15 billion pounds. Average liveweight was down 12 pounds from 1989 to 1,194 pounds. Slaughter of calves weighing less than 500 pounds liveweight totaled 234,600 head, down 9 percent from 1989. Total liveweight for calves slaughtered was 55,167,000 pounds. The average liveweight for calves, at 235 pounds, was up 50 pounds from 1989.

Sheep and lamb slaughter, at 119,700 head, was 16 percent above the previous year. Total liveweight for sheep and lambs slaughtered was 12,337,000 pounds. Sheep slaughtered averaged 103 pounds liveweight, down 2 pounds from the previous year.

Pennsylvania ranked 11th among all states in commercial red meat production in 1990. Pennsylvania's rankings by number of head slaughtered were: 9th for cattle, 3rd for calves, and 10th for sheep.

PENNSYLVANIA: LIVESTOCK AND POULTRY INVENTORY, 1985-1991

Specie & Class	Number On Farms December 1					
	1985	1986	1987	1988	1989	1990
	(000)					
Hogs And Pigs	780	890	900	970	975	920
Kept For Breeding	85	95	95	105	110	100
Market Hogs And Pigs	695	795	805	865	865	820
Under 60 Pounds	278	294	298	305	310	287
60-119 Pounds	163	207	202	229	225	215
120-179 Pounds	134	159	165	185	180	177
180 Pounds And Over	120	135	140	146	150	141
Chickens, Excluding Broilers	22,100	23,400	25,250	24,400	23,800	22,600
Hens And Pullets Of Laying Age	18,400	18,600	19,800	20,000	19,450	18,710
Hens 1 Year Old And Older	8,300	6,100	7,600	6,700	6,200	5,020
Pullets Of Laying Age	10,100	12,500	12,200	13,300	13,250	13,690
Pullets Not Of Laying Age	3,520	4,650	5,320	4,270	4,220	3,780
3 Months Old And Older	1,710	2,250	2,400	1,560	1,950	1,810
Under 3 Months Old	1,810	2,400	2,920	2,710	2,270	1,970
Other Chickens, Excluding Broilers	180	150	130	130	130	110

Specie & Class	Number On Farms January 1					
	1986	1987	1988	1989	1990	1991
	(000)					
Cattle And Calves	1,960	1,950	1,890	1,900	1,860	1,820
Cows And Heifers That Have Calved	937	942	900	915	870	870
Milk Cows	747	730	724	719	694	686
Beef Cows	190	212	176	196	176	184
Heifers 500 Pounds And Over	376	386	379	380	380	370
Milk Cow Replacement	290	294	292	290	292	280
Beef Cow Replacement	37	40	39	39	41	43
Other	49	52	48	51	47	47
Steers 500 Pounds And Over	225	211	197	194	209	205
Bulls 500 Pounds And Over	29	30	30	31	31	29
Heifer, Steer, And Bull Calves Under 500 Pounds	393	381	384	380	370	346
Cattle And Calves On Feed	85	80	75	75	80	85
Sheep And Lambs	93	104	110	134	134	140
Lambs	19	25	27	33	29	32
Ewes	14	18	19	22	20	19
Rams And Wethers	5	7	8	11	9	13
Sheep 1 Year Old And Older	74	79	83	101	105	108
Ewes	68	73	76	91	95	100
Rams And Wethers	6	6	7	10	10	8

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, JANUARY 1, 1970-1991

Year	Hogs & Pigs 1/		Cattle & Calves		Sheep & Lambs		3 Species
	Number	Value	Number	Value	Number	Value	Value
			(000)				
1970.....	570	21,204	1,781	445,250	165	3,548	470,002
1975.....	590	27,435	1,960	529,200	125	3,500	560,135
1980.....	870	50,460	1,950	1,423,500	105	6,405	1,480,365
1983.....	870	66,990	2,000	1,290,000	98	6,223	1,363,213
1984.....	950	59,375	1,970	1,162,300	104	6,656	1,228,331
1985.....	800	63,200	1,960	1,127,000	88	5,896	1,196,096
1986.....	780	60,060	1,960	1,029,000	93	7,812	1,096,872
1987.....	890	88,110	1,950	1,072,500	104	7,852	1,168,462
1988.....	900	67,950	1,890	1,266,300	110	9,900	1,334,250
1989.....	970	68,385	1,900	1,311,000	134	10,117	1,389,502
1990.....	975	78,975	1,860	1,385,700	134	10,586	1,475,261
1991.....	920	77,280	1,820	1,401,400	140	12,320	1,491,000

1/ December 1 preceding year shown, 1970 to date.

PENNSYLVANIA: PIG CROP, 1970-1990

Year	Spring Crop (December-May)			Fall Crop (June-November)			Total Pig Crop
	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved	
1970.....	57,000	7.5	428,000	56,000	7.6	426,000	854,000
1975.....	63,000	7.7	485,000	49,000	7.9	387,000	872,000
1980.....	87,000	7.5	653,000	85,000	7.4	629,000	1,282,000
1983.....	80,000	8.0	640,000	82,000	8.0	656,000	1,296,000
1984.....	77,000	8.0	616,000	68,000	8.0	544,000	1,160,000
1985.....	68,000	7.8	530,000	66,000	8.2	541,000	1,071,000
1986.....	72,000	7.5	540,000	78,000	8.0	624,000	1,164,000
1987.....	85,000	8.0	680,000	77,000	8.2	631,000	1,311,000
1988.....	72,000	8.4	605,000	81,000	8.2	668,000	1,273,000
1989.....	85,000	8.2	697,000	86,000	8.2	703,000	1,400,000
1990.....	89,000	8.0	713,000	82,000	8.0	652,000	1,365,000

PENNSYLVANIA: CALF CROP, 1970-1990

Year	All Cows That Have Calved 1/		Heifers 500 Pounds And Over 1/		Calves Under 500 Pounds 1/	Calves Born
	Milk Cows	Beef Cows	Milk Cow Replacement	Beef Cow Replacement		
			(000)			
1970.....	712	145	210	35	306	831
1975.....	686	176	236	49	417	800
1980.....	712	198	266	46	398	800
1983.....	738	212	298	48	388	820
1984.....	738	198	290	39	382	830
1985.....	735	190	310	41	378	840
1986.....	747	190	290	37	393	880
1987.....	730	212	294	40	381	840
1988.....	724	176	292	39	384	860
1989.....	719	196	290	39	380	800
1990.....	694	175	292	41	370	780

1/ January 1 inventory.

PENNSYLVANIA: LAMB AND WOOL CROPS, 1970-1990

Year	Breeding Ewes 1 Year & Older January 1	Lambs Saved Per 100 Ewes 1+ January 1	Lambs Saved	Sheep Shorn	Weight Per Fleece	Wool Production	Value Of Wool Production
	(000)		(000)	(000)	Pounds	(000) Pounds	(000)
1970.....	122	101	123	152	7.3	1,110	477
1975.....	94	106	100	115	7.0	805	314
1980.....	78	106	83	98	6.9	676	527
1983.....	75	107	80	95	6.8	646	291
1984.....	77	104	80	97	6.7	650	455
1985.....	67	112	75	85	6.7	570	285
1986.....	68	116	79	99	6.9	683	423
1987.....	73	103	75	105	6.5	680	449
1988.....	76	112	85	104	6.5	681	586
1989.....	91	108	98	105	7.1	750	563
1990.....	95	105	100	107	6.9	739	288

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, 1990-1991

County & District	Number & Value Dec. 1, 1990		Number & Value January 1, 1991				All Livestock
	Hogs & Pigs		Cattle & Calves		Sheep & Lambs		
	Head	Value	Head	Value	Head	Value	Value
Crawford	3,800	319,200	46,600	34,717,000	1,600	140,800	35,177,000
Erie	1,200	100,800	33,900	25,255,500	750	66,000	25,422,300
Forest	200	16,800	900	670,500	50	4,400	691,700
Mercer	4,600	386,400	36,400	27,118,000	5,100	448,800	27,953,200
Venango	2,300	193,200	10,100	7,524,500	1,800	158,400	7,876,100
Warren	400	33,600	16,000	11,920,000	1,800	158,400	12,112,000
NORTHWESTERN, TOTAL	**12,500**	**1,050,000**	**143,900**	**107,205,500**	**11,100**	**976,800**	**109,232,300**
Bradford	3,300	277,200	98,000	73,010,000	6,300	554,400	73,841,600
Cameron	100	8,400	400	298,000	100	8,800	315,200
Clinton	3,500	294,000	12,000	8,940,000	200	17,600	9,251,600
Elk	200	16,800	2,600	1,937,000	150	13,200	1,967,000
Lycoming	4,000	336,000	26,400	19,668,000	1,000	88,000	20,092,000
McKean	300	25,200	5,500	4,097,500	500	44,000	4,166,700
Potter	100	8,400	16,200	12,069,000	2,000	176,000	12,253,400
Sullivan	200	16,800	7,100	5,289,500	850	74,800	5,381,100
Tioga	3,300	277,200	49,400	36,803,000	4,000	352,000	37,432,200
NORTH CENTRAL, TOTAL	**15,000**	**1,260,000**	**217,600**	**162,112,000**	**15,100**	**1,328,800**	**164,700,800**
Lackawanna	200	16,800	8,900	6,630,500	400	35,200	6,682,500
Susquehanna	2,000	168,000	42,800	31,886,000	2,100	184,800	32,238,800
Wayne	600	50,400	28,800	21,456,000	1,200	105,600	21,612,000
Wyoming	700	58,800	14,500	10,802,500	700	61,600	10,922,900
NORTHEASTERN, TOTAL	**3,500**	**294,000**	**95,000**	**70,775,000**	**4,400**	**387,200**	**71,456,200**
Armstrong	6,300	529,200	18,300	13,633,500	2,100	184,800	14,347,500
Beaver	2,000	168,000	11,500	8,567,500	1,900	167,200	8,902,700
Butler	6,100	512,400	26,900	20,040,500	4,300	378,400	20,931,300
Clarion	2,100	176,400	15,500	11,547,500	1,000	88,000	11,811,900
Indiana	11,200	940,800	27,400	20,413,000	2,900	255,200	21,609,000
Jefferson	1,100	92,400	14,400	10,728,000	1,800	158,400	10,978,800
Lawrence	5,200	436,800	23,000	17,135,000	2,300	202,400	17,774,200
WEST CENTRAL, TOTAL	**34,000**	**2,856,000**	**137,000**	**102,065,000**	**16,300**	**1,434,400**	**106,355,400**
Blair	4,900	411,600	28,700	21,381,500	1,100	96,800	21,889,900
Cambria	5,000	420,000	12,300	9,163,500	650	57,200	9,640,700
Centre	7,800	655,200	33,500	24,957,500	2,200	193,600	25,806,300
Clearfield	900	75,600	9,800	7,301,000	350	30,800	7,407,400
Columbia	8,100	680,400	14,400	10,728,000	800	70,400	11,478,800
Dauphin	13,000	1,092,000	22,000	16,390,000	2,800	246,400	17,728,400
Huntingdon	5,000	420,000	28,600	21,307,000	2,000	176,000	21,903,000
Juniata	14,000	1,176,000	19,600	14,602,000	1,200	105,600	15,883,600
Mifflin	10,000	840,000	28,700	21,381,500	1,200	105,600	22,327,100
Montour	5,800	487,200	6,600	4,917,000	300	26,400	5,430,600
Northumberland	30,000	2,520,000	18,400	13,708,000	1,400	123,200	16,351,200
Perry	13,000	1,092,000	22,200	16,539,000	1,300	114,400	17,745,400
Snyder	21,000	1,764,000	19,900	14,825,500	1,500	132,000	16,721,500
Union	14,000	1,176,000	20,400	15,198,000	400	35,200	16,409,200
CENTRAL, TOTAL	**152,500**	**12,810,000**	**285,100**	**212,399,500**	**17,200**	**1,513,600**	**226,723,100**
Carbon	1,700	142,800	1,500	1,117,500	300	26,400	1,286,700
Lehigh	10,500	882,000	5,500	4,097,500	1,000	88,000	5,067,500
Luzerne	1,600	134,400	7,300	5,438,500	700	61,600	5,634,500
Monroe	1,800	151,200	2,000	1,490,000	300	26,400	1,667,600
Northampton	5,000	420,000	15,400	11,473,000	750	66,000	11,959,000
Pike	100	8,400	500	372,500	50	4,400	385,300
Schuylkill	20,800	1,747,200	11,800	8,791,000	1,400	123,200	10,661,400
EAST CENTRAL, TOTAL	**41,500**	**3,486,000**	**44,000**	**32,780,000**	**4,500**	**396,000**	**36,662,000**
Allegheny	1,200	100,800	5,800	4,321,000	1,500	132,000	4,553,800
Fayette	2,900	243,600	20,800	15,496,000	1,100	96,800	15,836,400
Greene	800	67,200	18,900	14,080,500	12,200	1,073,600	15,221,300
Somerset	9,900	831,600	48,100	35,834,500	3,300	290,400	36,956,500
Washington	4,100	344,400	43,300	32,258,500	11,500	1,012,000	33,614,900
Westmoreland	7,600	638,400	33,100	24,659,500	3,200	281,600	25,579,500
SOUTHWESTERN, TOTAL	**26,500**	**2,226,000**	**170,000**	**126,650,000**	**32,800**	**2,886,400**	**131,762,400**
Adams	28,000	2,352,000	31,200	23,244,000	3,500	308,000	25,904,000
Bedford	11,000	924,000	50,500	37,622,500	2,000	176,000	38,722,500
Cumberland	27,000	2,268,000	49,100	36,579,500	1,900	167,200	39,014,700
Franklin	50,000	4,200,000	92,000	68,540,000	2,200	193,600	72,933,600
Fulton	9,500	798,000	16,600	12,367,000	600	52,800	13,217,800
York	53,000	4,452,000	52,600	39,187,000	5,000	440,000	44,079,000
SOUTH CENTRAL, TOTAL	**178,500**	**14,994,000**	**292,000**	**217,540,000**	**15,200**	**1,337,600**	**233,871,600**
Berks	52,000	4,368,000	75,000	55,875,000	4,700	413,600	60,656,600
Bucks	4,000	336,000	13,700	10,206,500	2,200	193,600	10,736,100
Chester	11,400	957,600	63,000	46,935,000	3,500	308,000	48,200,600
Delaware	500	42,000	1,100	819,500	400	35,200	896,700
Lancaster	335,000	28,140,000	260,000	193,700,000	8,900	783,200	222,623,200
Lebanon	42,600	3,578,400	49,600	36,952,000	2,500	220,000	40,750,400
Montgomery	10,500	882,000	13,000	9,685,000	1,200	105,600	10,672,600
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**456,000**	**38,304,000**	**475,400**	**354,173,000**	**23,400**	**2,059,200**	**394,536,200**
PENNSYLVANIA	**920,000**	**77,280,000**	**1,860,000**	**1,385,700,000**	**140,000**	**12,320,000**	**1,475,300,000**

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1989-1990 1/

Month	Number of Head		Liveweight			
			Per Head		Total Pounds	
	1989	1990	1989	1990	1989	1990
			-------- CATTLE --------			
January.....	82,900	90,000	1,223	1,191	101,372,000	107,104,000
February.....	74,000	71,800	1,219	1,190	90,255,000	85,525,000
March.....	88,600	82,500	1,229	1,195	108,965,000	98,599,000
April.....	79,300	77,300	1,211	1,195	96,018,000	92,360,000
May.....	81,200	86,400	1,216	1,182	98,700,000	102,076,000
June.....	85,700	74,300	1,192	1,190	102,066,000	88,429,000
July.....	76,800	73,100	1,176	1,192	90,365,000	87,177,000
August.....	88,500	84,800	1,186	1,175	105,010,000	99,648,000
September....	80,000	72,400	1,168	1,194	93,359,000	86,431,000
October.....	90,000	94,000	1,193	1,209	107,338,000	113,612,000
November.....	86,200	85,100	1,212	1,209	104,437,000	102,939,000
December.....	79,700	70,000	1,243	1,208	99,065,000	84,629,000
Annual.....	992,900	961,700	1,206	1,194	1,196,950,000	1,148,528,000
			-------- CALVES --------			
January.....	21,900	21,600	187	190	4,083,000	4,100,000
February.....	19,200	19,200	193	204	3,705,000	3,915,000
March.....	20,700	20,000	198	205	4,105,000	4,095,000
April.....	15,300	15,500	215	222	3,283,000	3,450,000
May.....	16,500	17,600	223	215	3,671,000	3,774,000
June.....	20,200	16,800	196	245	3,967,000	4,122,000
July.....	24,300	19,800	172	222	4,183,000	4,394,000
August.....	27,300	21,200	165	243	4,488,000	5,163,000
September....	23,400	17,700	179	263	4,197,000	4,646,000
October.....	24,400	21,800	172	279	4,207,000	6,080,000
November.....	22,900	23,200	177	267	4,044,000	6,211,000
December.....	22,600	20,200	178	258	4,012,000	5,216,000
Annual.....	258,500	234,600	185	235	47,946,000	55,167,000
			-------- SHEEP AND LAMBS --------			
January.....	8,700	8,200	108	112	941,000	920,000
February.....	7,600	7,900	111	108	844,000	857,000
March.....	13,100	9,500	109	103	1,421,000	980,000
April.....	8,800	15,200	107	103	942,000	1,561,000
May.....	8,500	8,600	98	103	827,000	891,000
June.....	8,100	9,000	105	104	858,000	939,000
July.....	7,700	9,400	111	104	856,000	978,000
August.....	9,900	11,300	112	95	1,106,000	1,081,000
September....	8,100	9,100	58	102	471,000	928,000
October.....	8,400	11,100	111	102	935,000	1,133,000
November.....	7,500	10,200	111	101	834,000	1,032,000
December.....	7,300	10,100	111	103	809,000	1,037,000
Annual.....	103,600	119,700	105	103	10,844,000	12,337,000

1/ Months may not add to annual due to rounding. Includes slaughter in federally inspected and in other slaughter plants, but excludes animals slaughtered on farms. Hog slaughter no longer available to avoid disclosure of individual operations.

PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1965-1990

Year	Cattle		Calves		Sheep & Lambs	
	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight
			(000)			
1965.....	901.0	961,949	643.0	84,717	197.3	17,632
1970.....	745.5	841,645	374.0	50,165	106.9	9,706
1975.....	938.5	999,105	343.4	39,862	153.8	15,127
1980.....	715.5	813,313	253.9	38,746	153.3	15,602
1984.....	977.4	1,115,097	286.7	48,291	173.2	17,694
1985.....	988.2	1,157,847	301.3	50,810	140.9	14,684
1986.....	1,125.5	1,315,940	287.2	48,700	130.7	13,191
1987.....	1,022.4	1,203,554	275.9	47,227	105.2	11,234
1988.....	979.5	1,166,279	274.7	47,413	100.9	10,870
1989.....	992.9	1,196,950	258.5	47,946	103.6	10,844
1990.....	961.7	1,148,528	234.6	55,167	119.7	12,337

PENNSYLVANIA: CATTLE AND CALVES PRODUCTION, DISPOSITION AND INCOME, 1965-1990

Year	Inventory January 1	Calf Crop	Inshipments	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
				Cattle	Calves		Cattle	Calves		
					(000)					
1965.....	1,874	888	151	465	477	41	28	84	1,818	$ 101,706
1970.....	1,781	831	120	396	455	22	26	70	1,763	128,514
1975.....	1,960	800	99	402	347	20	35	95	1,960	152,624
1980.....	1,950	800	120	435	286	24	35	90	2,000	329,108
1984.....	1,970	830	130	490	345	15	35	85	1,960	323,231
1985.....	1,960	840	130	495	345	15	35	80	1,960	310,222
1986.....	1,960	880	120	520	365	15	35	75	1,950	322,825
1987.....	1,950	840	120	537	365	15	33	70	1,890	405,337
1988.....	1,890	860	100	482	355	13	30	70	1,900	405,017
1989.....	1,900	800	100	510	325	12	28	65	1,860	436,663
1990.....	1,860	780	100	510	315	11	24	60	1,820	489,637

1/ Value of marketings and home consumption.

PENNSYLVANIA: HOGS AND PIGS PRODUCTION, DISPOSITION AND INCOME, 1965-1990

Year	Inventory December 1 1/	Pigs Saved	Inshipments	Marketings	Farm Slaughter	Deaths	Inventory December 1	Gross Income 2/
				(000)				
1965.....	461	611	-	486	85	77	424	$ 26,748
1970.....	570	854	-	659	46	92	627	38,464
1975.....	590	872	8	672	51	87	660	77,296
1980.....	870	1,282	-	948	64	160	980	89,466
1984.....	950	1,160	-	1,180	25	105	800	139,769
1985.....	800	1,071	30	1,001	30	90	780	110,123
1986.....	780	1,164	55	984	25	100	890	118,985
1987.....	890	1,311	75	1,261	25	90	900	156,879
1988.....	900	1,273	90	1,188	25	80	970	123,481
1989.....	970	1,400	90	1,395	20	70	975	144,384
1990.....	975	1,365	87	1,424	18	65	920	183,368

1/ December 1 preceding year. 2/ Value of marketings and home consumption.

PENNSYLVANIA: SHEEP AND LAMB PRODUCTION, DISPOSITION AND INCOME, 1965-1990

Year	Inventory January 1	Lambs Saved	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
			Sheep	Lambs		Sheep	Lambs		
					(000)				
1965.....	189	136	21	86	4	19	10	185	$ 1,815
1970.....	165	123	17	75	3	20	13	160	1,905
1975.....	125	100	7	64	3	21	10	120	2,412
1980.....	105	83	10	47	5	11	10	105	3,169
1984.....	104	80	24	50	3	8	11	88	3,796
1985.....	88	75	6	42	4	8	10	93	3,217
1986.....	93	79	7	41	2	7	11	104	3,156
1987.....	104	75	15	35	3	6	10	110	3,625
1988.....	110	85	6	42	2	6	10	134	3,465
1989.....	134	98	23	56	1	6	12	134	4,801
1990.....	134	100	21	54	2	5	12	140	4,038

1/ Value of marketings and home consumption.

PENNSYLVANIA: CATTLE AND CALVES - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1980-1990

Year	1-49 Head		50-99 Head		100-499 Head		500 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	-------- Percent --------							
1980.....	72.9	26.5	19.1	35.7	8.0	35.7	1/	2.1
1981.....	71.5	25.5	20.0	36.0	8.5	35.5	1/	3.0
1982.....	70.2	26.5	20.0	33.0	9.8	37.9	1/	2.6
1983.....	70.2	26.3	19.4	32.3	10.4	38.7	1/	2.7
1984.....	68.1	24.2	20.4	32.6	11.5	40.5	1/	2.7
1985.....	69.6	23.5	18.7	31.5	11.7	41.9	1/	3.1
1986.....	69.5	23.5	18.5	30.3	12.0	43.1	1/	3.1
1987.....	69.5	22.6	18.5	30.5	12.0	43.3	1/	3.6
1988.....	68.2	22.7	19.3	30.7	12.5	43.1	1/	3.5
1989.....	68.0	23.0	19.8	30.0	12.2	43.3	1/	3.7
1990.....	68.0	22.0	19.7	30.0	12.3	43.8	1/	4.2

1/ Combined with next smaller size group.

PENNSYLVANIA: MILK COWS - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1980-1990

Year	1-29 Head		30-49 Head		50-99 Head		100 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	-------- Percent --------							
1980.....	49.0	15.0	30.0	34.5	16.5	32.0	4.5	18.5
1981.....	44.5	13.5	32.5	35.0	18.5	33.0	4.5	18.5
1982.....	43.5	14.0	31.5	33.0	20.0	34.5	5.0	18.5
1983.....	43.5	13.0	30.0	31.5	21.5	36.5	5.0	19.0
1984.....	38.6	11.3	30.5	31.6	25.7	38.9	5.2	18.2
1985.....	39.1	11.0	30.0	29.1	25.2	39.2	5.7	20.7
1986.....	35.9	10.0	30.8	29.3	27.2	39.1	6.1	21.6
1987.....	34.0	9.9	31.9	29.1	27.6	39.0	6.5	22.0
1988.....	32.6	9.5	32.6	29.3	28.5	40.2	6.3	21.0
1989.....	31.5	8.8	32.1	28.2	29.1	40.2	7.3	22.8
1990.....	31.0	8.6	32.9	27.9	28.4	40.2	7.7	23.3

PENNSYLVANIA: BEEF COWS - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1986-1990

Year	1-49 Head		50-99 Head		100 Head And Over	
	Operation	Inventory	Operation	Inventory	Operation	Inventory
	-------- Percent --------					
1986 1/....	97.8	84.0	1.7	9.9	0.5	6.1
1987.....	97.8	84.5	1.7	9.7	0.5	5.8
1988.....	97.1	81.5	2.4	12.5	0.5	6.0
1989.....	97.5	82.0	1.9	10.3	0.6	7.7
1990.....	97.4	80.0	1.9	10.2	0.7	9.8

1/ Estimates of beef cows by size groups prior to 1986 are not available.

PENNSYLVANIA: HOGS AND PIGS - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1988-1990

Year	1-99 Head		100-499 Head		500-999 Head		1000 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	-------- Percent --------							
1988 1/....	81.1	10.6	14.2	30.4	2.9	20.9	1.8	38.1
1989.....	80.0	11.0	14.0	26.0	3.7	23.0	2.3	40.0
1990.....	81.0	10.0	12.5	24.0	3.8	21.0	2.7	45.0

1/ Estimates of hogs and pigs by size groups prior to 1988 are not available.

POULTRY PRODUCTION SUMMARY - 1990

By Paul E. Williams

The combined value of Pennsylvania's poultry production from broilers, eggs, and turkeys, plus the value of chicken sales in 1990 was $515,736,000, a 6 percent decrease over 1989. Of the combined total, 49 percent was from egg production, 36 percent from broiler production, 13 percent from turkey production, and 2 percent from the sale of other chickens.

Inventory of all chickens, excluding broilers, on December 1, 1990, was 22,600,000. Hens and pullets of laying age numbered 18.7 million, 4 percent below the previous year. Hens and pullets of laying age included 5.0 million hens one year old and over and 13.7 million pullets of laying age. Pullets not of laying age totaled 3.8 million on December 1. Pullets not of laying age included 1.81 million pullets 3 months old and older and 1.97 million under 3 months of age. Other chickens numbered 110,000. Total value of chicken inventory on December 1, 1990, was $36,160,000. Pennsylvania ranked 5th in the United States for all chicken inventory on December 1, 1990.

Pennsylvania laying flocks produced 4.98 billion eggs from December 1, 1989 through November 30, 1990, 5 percent less than in 1989. Total value of egg production, based on an average price received by producers during the year of 61 cents per dozen, was $251,947,000, down 2 percent from the previous year. An average of 18.6 million hens in Commonwealth flocks layed an average of 268 eggs each during the year. Pennsylvania ranked 3rd in egg production in 1990.

Broiler production from December 1, 1989 through November 30, 1990 was valued at $181,272,000, down 8 percent from the previous year. A total of 115.6 million broilers were produced during the year. Average liveweight of broilers produced was 4.5 pounds per bird, for a total production of 520,200,000 pounds. The average price received per pound for live broilers was 36.0 cents. Pennsylvania ranked 13th in broiler production in 1990.

Turkey producers raised a record 8.43 million poults during 1990, compared with 8.40 million produced in 1989. Producers received an average of 41.0 cents per pound liveweight for turkeys in 1990. Total value of turkey production from December 1, 1989 through November 30, 1990 was $69.1 million. Pennsylvania ranked 9th in turkey production.

Commercial hatcheries hatched nearly 128.8 million broiler-type chicks during 1990, down 9 percent from the previous year. Egg-type chicks hatched totaled 44.8 million for the year ending November 30, 1990, 8 percent more than in 1989. Pennsylvania ranked 2nd in egg-type chickens hatched, and 11th in broiler-type chicks hatched.

Data in the following tables result from voluntary responses from Pennsylvania poultry producers and Agribusinesses. Primary surveys used for these tables include the Weekly and Monthly Hatchery Reports, Monthly Turkey Hatchery Report, Monthly Chicken & Egg Survey, and Annual Turkeys Raised Inquiry. Additional data are obtained from Quarterly Agriculture Surveys and Acreage Surveys conducted throughout the year.

PENNSYLVANIA: CHICKEN INVENTORY ON FARMS DECEMBER 1, 1965-1990

Year	Layers			Pullets Not Laying	Other Chickens	Total Chickens 1/	
	Hens	Pullets	Total			Number	Value
	(000)						
1965 2/.....	7,117	9,070	16,187	3,188	201	19,576	$29,364
1970.....	6,213	8,633	14,846	3,239	157	18,242	28,275
1975.....	4,958	6,427	11,385	2,353	112	13,850	23,545
1979.....	5,230	11,370	16,600	4,121	209	20,930	35,581
1980.....	6,080	10,770	16,850	3,974	126	20,950	34,568
1981.....	6,020	11,130	17,150	4,256	194	21,600	36,720
1982.....	5,150	12,450	17,600	4,730	170	22,500	36,000
1983.....	6,850	10,450	17,300	6,340	160	23,800	44,030
1984.....	5,000	13,500	18,500	3,800	200	22,500	50,625
1985.....	8,300	10,100	18,400	3,520	180	22,100	36,465
1986.....	6,100	12,500	18,600	4,650	150	23,400	43,290
1987.....	7,600	12,200	19,800	5,320	130	25,250	42,925
1988.....	6,700	13,300	20,000	4,270	130	24,400	41,480
1989.....	6,200	13,250	19,450	4,220	130	23,800	41,650
1990.....	5,020	13,690	18,710	3,780	110	22,600	36,160

1/ Excludes commercial broilers. 2/ January 1 inventory.

PENNSYLVANIA: LAYERS, EGG PRODUCTION, EGG PRICES & HATCH DATA, BY MONTHS, 1965-1990

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg. Or Total 1/
						AVERAGE NUMBER OF LAYERS (000)							
1965...	16,122	15,978	15,834	15,691	15,464	15,392	15,352	15,290	15,396	15,296	15,247	15,284	15,529
1970...	14,464	14,470	14,454	14,287	14,173	13,905	14,022	14,495	14,601	14,674	14,818	14,772	14,415
1975...	12,200	12,014	11,834	11,596	11,422	11,250	11,193	11,193	11,221	11,249	11,317	11,385	11,573
1980...	16,751	16,586	16,475	16,290	15,865	15,865	15,951	16,088	16,225	16,438	16,826	16,813	16,339
1983...	17,913	18,063	17,838	17,775	17,888	17,700	17,901	18,350	18,701	19,050	18,250	16,000	18,094
1984...	14,350	14,000	14,763	15,775	16,713	17,363	16,563	15,876	16,663	18,313	18,876	18,301	16,274
1985...	18,013	17,800	17,675	17,913	17,975	17,750	17,875	18,200	18,663	19,175	18,888	18,300	18,188
1986...	18,663	18,900	18,913	18,688	18,975	19,088	19,313	19,413	19,026	19,101	18,913	18,601	18,960
1987...	19,525	20,188	20,038	19,975	19,538	19,251	19,313	19,400	19,488	19,825	19,938	19,925	19,585
1988...	20,051	19,975	19,863	19,825	19,763	19,525	19,375	19,600	19,838	19,976	20,038	19,675	19,813
1989...	19,451	19,650	19,388	19,126	19,488	19,876	19,750	19,500	19,538	19,526	19,463	19,551	19,535
1990...	19,426	19,101	19,001	18,826	18,625	18,275	17,975	17,900	17,900	18,000	18,355	18,830	18,576
						EGGS PRODUCED (Million)							
1965...	298	271	302	298	305	287	289	281	268	268	256	269	3,392
1970...	276	247	276	269	277	262	266	269	265	275	265	276	3,220
1975...	252	228	248	236	241	228	230	224	213	227	225	233	2,800
1980...	378	347	369	353	352	339	344	341	339	361	360	375	4,251
1983...	406	367	399	383	394	375	389	397	395	419	387	357	4,716
1984...	317	286	321	331	365	371	372	357	367	421	417	415	4,282
1985...	406	359	398	389	400	381	395	403	399	422	407	410	4,774
1986...	410	373	416	400	421	417	433	436	410	424	413	422	4,963
1987...	438	409	454	437	441	425	430	431	426	449	443	462	5,205
1988...	452	420	459	442	442	411	428	447	442	464	448	450	5,317
1989...	441	397	440	423	441	433	446	446	432	448	435	450	5,232
1990...	444	392	437	419	422	395	402	408	393	406	408	450	4,976
						AVERAGE PRICE RECEIVED FOR EGGS (Cents Per Dozen)							
1965...	33.0	34.0	33.0	37.0	30.0	32.0	34.0	38.0	40.0	39.0	41.0	44.0	36.1
1970...	58.0	53.0	46.0	36.0	30.0	30.0	34.0	34.0	39.0	34.0	35.0	39.0	40.9
1975...	58.2	55.8	53.9	49.5	56.5	42.4	44.6	46.0	52.1	52.9	53.6	58.9	51.2
1980...	54.0	45.6	49.1	48.0	44.9	43.8	45.6	52.1	56.0	55.5	59.4	68.4	51.0
1983 2/	50.0	51.0	52.0	55.0	56.0	57.0	54.0	56.0	62.0	67.0	71.0	82.0	56.7
1984...	94.0	102.0	84.0	85.0	65.0	63.0	58.0	56.0	56.0	55.0	55.0	57.0	70.0
1985...	52.0	46.0	50.0	50.0	50.0	47.0	51.0	52.0	57.0	60.0	62.0	67.0	53.0
1986...	66.0	65.0	62.0	63.0	57.0	48.0	52.0	55.0	51.0	43.0	55.0	48.0	57.0
1987...	47.0	44.0	41.0	42.0	36.0	35.0	37.0	30.0	44.0	35.0	44.0	31.0	40.0
1988...	35.0	35.0	36.0	34.0	34.0	35.0	43.0	48.0	46.0	49.0	49.0	48.0	40.0
1989...	50.0	48.0	72.0	55.0	51.0	51.0	53.0	55.0	59.0	59.0	68.0	73.0	56.0
1990...	73.0	53.0	61.0	61.0	44.0	46.0	43.0	54.0	54.0	58.0	60.0	61.0	57.0
						EGG-TYPE CHICKS HATCHED (000)							
1965...	1,951	2,072	3,539	3,608	3,423	2,975	1,442	1,971	1,450	1,547	1,903	1,640	27,521
1970...	2,458	2,422	3,201	3,289	2,995	2,382	2,463	1,606	2,224	2,107	1,664	1,942	28,753
1975...	1,535	1,815	2,360	2,592	2,363	2,087	1,638	1,650	1,508	1,710	1,272	1,564	22,094
1980...	2,336	2,614	2,832	3,264	2,971	3,226	3,266	3,007	3,003	3,046	2,448	2,914	34,927
1983...	3,762	3,948	4,857	3,885	4,929	4,814	3,347	3,801	3,352	3,543	3,546	2,264	46,048
1984...	1,544	1,709	3,100	4,144	4,102	3,581	2,537	2,087	2,152	2,785	3,115	2,852	33,708
1985...	2,363	2,319	3,337	3,666	3,741	3,555	3,299	2,852	2,759	3,303	3,722	4,018	38,934
1986...	2,971	2,970	3,583	4,559	4,842	4,051	3,217	3,657	3,153	3,369	2,933	3,789	43,094
1987...	3,212	3,833	4,443	4,366	4,150	4,066	3,326	3,868	3,236	3,819	3,114	3,428	44,861
1988...	3,119	3,040	3,426	4,172	4,436	4,034	3,374	3,347	3,368	3,208	3,582	2,896	42,002
1989...	3,509	3,051	2,753	4,037	4,401	3,691	2,809	3,908	3,676	3,676	2,905	3,103	41,519
1990...	3,171	3,650	3,141	4,243	4,174	3,958	3,219	3,572	4,212	3,976	3,800	3,661	44,777
						BROILER-TYPE CHICKS HATCHED (000)							
1965...	4,439	4,396	4,651	4,830	4,990	4,987	4,867	4,605	4,507	3,938	4,365	4,650	55,225
1970...	6,283	5,815	6,347	6,337	6,648	6,555	6,328	6,441	5,718	5,754	5,937	6,276	74,439
1975...	6,641	6,185	7,286	7,278	7,469	7,172	7,677	7,283	6,948	7,283	6,597	7,314	85,133
1980...	10,330	10,151	10,933	10,726	11,283	10,815	10,474	10,436	9,830	10,397	9,602	10,235	125,212
1983...	10,363	9,217	10,956	9,436	9,013	8,454	8,320	9,049	9,013	8,652	7,354	7,317	107,144
1984...	7,149	6,753	8,234	7,895	8,208	7,831	7,811	8,169	7,924	8,010	7,413	8,849	94,246
1985...	8,964	7,756	9,829	9,003	9,678	9,151	9,857	9,683	9,738	9,080	9,032	10,145	111,916
1986...	10,185	8,667	8,699	8,845	9,261	9,851	9,857	10,054	9,822	10,106	9,614	10,327	115,288
1987...	10,862	9,490	11,050	10,533	11,278	10,948	11,091	11,143	10,614	11,478	10,604	11,373	130,464
1988...	11,782	10,922	12,498	10,286	12,603	12,034	11,936	11,879	11,865	11,818	11,552	11,645	140,820
1989...	12,006	10,896	12,434	12,144	13,427	12,222	12,669	11,965	11,346	10,849	10,313	10,711	140,982
1990...	11,155	9,382	11,651	11,200	11,103	10,495	10,793	10,439	10,351	10,455	10,325	11,489	128,838

1/ For layers, eggs, and prices, the marketing year from 1970 to present runs from December 1 through November 30.
2/ Average prices received are for market eggs only after 1980.

PENNSYLVANIA: CHICKENS ON FARMS AND VALUE, DECEMBER 1, 1990 1/

District & County	Chickens On Farms By Class			All Chickens	
	Hens & Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chickens	Number	Value
					Dollars
Crawford	308,500	83,000	500	392,000	627,200
Erie	33,000	1,500	500	35,000	56,000
Forest	300	100	100	500	800
Mercer	24,500	300	200	25,000	40,000
Venango	3,000	300	200	3,500	5,600
Warren	3,500	300	200	4,000	6,400
NORTHWESTERN, TOTAL	**372,800**	**85,500**	**1,700**	**460,000**	**736,000**
Bradford	224,500	80,000	500	305,000	488,000
Cameron	300	100	100	500	800
Clinton	20,000	3,000	500	23,500	37,600
Elk	73,000	1,500	500	75,000	120,000
Lycoming	85,000	700	300	86,000	137,600
McKean	1,000	5,800	200	7,000	11,200
Potter	800	100	100	1,000	1,600
Sullivan	700	200	100	1,000	1,600
Tioga	20,000	10,500	500	31,000	49,600
NORTH CENTRAL, TOTAL	**425,300**	**101,900**	**2,800**	**530,000**	**848,000**
Lackawanna	800	100	100	1,000	1,600
Susquehanna	4,500	300	200	5,000	8,000
Wayne	1,000	300	200	1,500	2,400
Wyoming	300	100	100	500	800
NORTHEASTERN, TOTAL	**6,600**	**800**	**600**	**8,000**	**12,800**
Armstrong	2,500	300	200	3,000	4,800
Beaver	5,000	14,500	500	20,000	32,000
Butler	44,000	500	500	45,000	72,000
Clarion	2,500	200	300	3,000	4,800
Indiana	9,500	110,000	500	120,000	192,000
Jefferson	3,500	200	300	4,000	6,400
Lawrence	118,800	2,000	200	121,000	193,600
WEST CENTRAL, TOTAL	**188,800**	**127,700**	**2,500**	**316,000**	**505,600**
Blair	50,000	29,500	500	80,000	128,000
Cambria	9,000	300	200	9,500	15,200
Centre	16,000	1,500	500	18,000	28,800
Clearfield	2,000	300	200	2,500	4,000
Columbia	19,000	800	200	20,000	32,000
Dauphin	749,800	50,000	200	800,000	1,280,000
Huntingdon	7,500	300	200	8,000	12,800
Juniata	481,000	14,000	5,000	500,000	800,000
Mifflin	72,000	40,000	8,000	120,000	192,000
Montour	24,000	500	500	25,000	40,000
Northumberland	310,000	85,000	5,000	400,000	640,000
Perry	345,000	4,000	1,000	350,000	560,000
Snyder	129,500	10,000	500	140,000	224,000
Union	255,000	9,000	4,000	268,000	428,800
CENTRAL, TOTAL	**2,469,800**	**245,200**	**26,000**	**2,741,000**	**4,385,600**
Carbon	10,000	500	500	11,000	17,600
Lehigh	98,000	1,000	1,000	100,000	160,000
Luzerne	79,000	500	500	80,000	128,000
Monroe	800	100	100	1,000	1,600
Northampton	49,000	600	400	50,000	80,000
Pike	800	100	100	1,000	1,600
Schuylkill	409,000	50,000	1,000	460,000	736,000
EAST CENTRAL, TOTAL	**646,600**	**52,800**	**3,600**	**703,000**	**1,124,800**
Allegheny	11,000	7,500	500	19,000	30,400
Fayette	64,000	800	200	65,000	104,000
Greene	1,000	300	200	1,500	2,400
Somerset	82,000	80,000	2,000	164,000	262,400
Washington	5,000	200	300	5,500	8,800
Westmoreland	46,000	3,000	1,000	50,000	80,000
SOUTHWESTERN, TOTAL	**209,000**	**91,800**	**4,200**	**305,000**	**488,000**
Adams	2,133,600	715,400	1,000	2,850,000	4,560,000
Bedford	27,000	1,500	1,000	29,500	47,200
Cumberland	430,000	135,000	5,000	570,000	912,000
Franklin	768,000	400,000	6,000	1,174,000	1,878,400
Fulton	2,000	300	200	2,500	4,000
York	555,000	141,000	4,000	700,000	1,120,000
SOUTH CENTRAL, TOTAL	**3,915,600**	**1,393,200**	**17,200**	**5,326,000**	**8,521,600**
Berks	523,000	166,000	1,000	690,000	1,104,000
Bucks	20,000	10,000	500	30,500	48,800
Chester	300,000	97,000	3,000	400,000	640,000
Delaware	300	100	100	500	800
Lancaster	8,083,200	1,300,000	36,800	9,420,000	15,072,000
Lebanon	1,470,000	92,000	8,000	1,570,000	2,512,000
Montgomery	82,000	16,000	2,000	100,000	160,000
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**10,478,500**	**1,681,100**	**51,400**	**12,211,000**	**19,537,600**
PENNSYLVANIA	**18,710,000**	**3,780,000**	**110,000**	**22,600,000**	**36,160,000**

1/ Excludes Broilers

PENNSYLVANIA: NUMBER OF LAYERS, EGG PRODUCTION AND VALUE OF PRODUCTION, 1990

County & District	Average Number Of Layers	Total Egg Production 1/	Value Of Production
		(000)	(Dollars)
Crawford	293,800	78,701	4,001,000
Erie	32,100	8,599	437,000
Forest	300	80	4,000
Mercer	22,900	6,134	312,000
Venango	2,900	777	39,000
Warren	3,900	1,045	53,000
NORTHWESTERN, TOTAL	**355,900**	**95,336**	**4,846,000**
Bradford	222,700	59,655	3,032,000
Cameron	300	80	4,000
Clinton	25,800	6,911	351,000
Elk	68,600	18,376	934,000
Lycoming	82,300	22,046	1,121,000
McKean	1,000	268	14,000
Potter	800	214	11,000
Sullivan	700	188	10,000
Tioga	19,900	5,331	271,000
NORTH CENTRAL, TOTAL	**422,100**	**113,069**	**5,748,000**
Lackawanna	1,200	321	16,000
Susquehanna	5,600	1,500	76,000
Wayne	1,200	321	16,000
Wyoming	500	134	7,000
NORTHEASTERN, TOTAL	**8,500**	**2,276**	**115,000**
Armstrong	2,900	777	39,000
Beaver	5,400	1,447	74,000
Butler	42,400	11,358	577,000
Clarion	2,700	723	37,000
Indiana	8,500	2,277	116,000
Jefferson	3,700	991	50,000
Lawrence	116,700	31,261	1,589,000
WEST CENTRAL, TOTAL	**182,300**	**48,834**	**2,482,000**
Blair	55,500	14,867	756,000
Cambria	9,200	2,464	125,000
Centre	16,600	4,447	226,000
Clearfield	1,900	509	26,000
Columbia	20,400	5,465	278,000
Dauphin	754,400	202,003	10,273,000
Huntingdon	11,000	2,947	150,000
Juniata	486,300	130,266	6,622,000
Mifflin	54,500	14,599	742,000
Montour	12,100	3,241	165,000
Northumberland	324,200	86,844	4,415,000
Perry	296,500	79,424	4,037,000
Snyder	98,600	26,412	1,343,000
Union	243,400	65,200	3,314,000
CENTRAL, TOTAL	**2,384,600**	**638,768**	**32,472,000**
Carbon	6,800	1,822	93,000
Lehigh	109,000	29,198	1,484,000
Luzerne	76,900	20,599	1,047,000
Monroe	800	214	11,000
Northampton	47,700	12,778	650,000
Pike	800	214	11,000
Schuylkill	333,000	89,202	4,534,000
EAST CENTRAL, TOTAL	**575,000**	**154,027**	**7,830,000**
Allegheny	12,200	3,268	166,000
Fayette	56,000	15,001	763,000
Greene	1,200	321	16,000
Somerset	81,300	21,778	1,107,000
Washington	5,600	1,500	76,000
Westmoreland	50,100	13,420	682,000
SOUTHWESTERN, TOTAL	**206,400**	**55,288**	**2,810,000**
Adams	2,002,500	536,415	27,268,000
Bedford	24,800	6,643	338,000
Cumberland	433,200	116,042	5,899,000
Franklin	999,400	267,712	13,609,000
Fulton	2,200	589	30,000
York	593,900	159,089	8,087,000
SOUTH CENTRAL, TOTAL	**4,056,000**	**1,086,490**	**55,231,000**
Berks	405,500	108,622	5,522,000
Bucks	42,400	11,358	577,000
Chester	328,600	88,023	4,475,000
Delaware	300	80	4,000
Lancaster	8,172,000	2,189,057	110,276,000
Lebanon	1,370,200	367,039	18,658,000
Montgomery	66,200	17,733	901,000
Philadelphia	-	-	-
SOUTHEASTERN, TOTAL	**10,385,200**	**2,781,912**	**140,413,000**
PENNSYLVANIA	**18,576,000**	**4,976,000**	**251,947,000**

1/ Based on an average of 268 eggs per layer during the year.

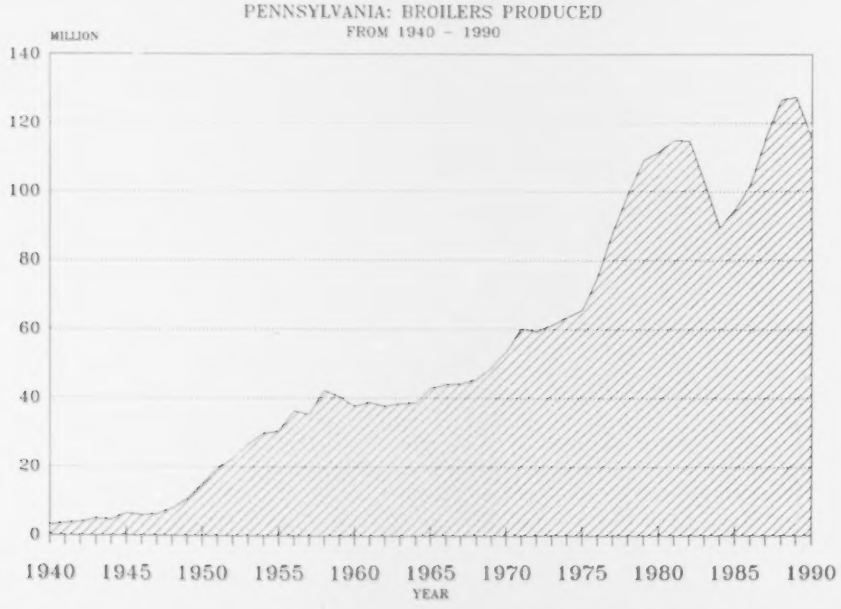
PENNSYLVANIA: BROILER-TYPE EGGS SET, CHICKS HATCHED AND PLACEMENTS BY WEEKS, 1989-1990

Year And Week Ending	Eggs Set 1/	Chicks Hatched	Broilers Placed 2/	Year And Week Ending	Eggs Set 1/	Chicks Hatched	Broilers Placed 2/
	(000)				(000)		
1988:				1989:			
Nov. 12	3,531	2,657	2,529	Nov. 11	3,219	2,292	2,125
19	3,298	2,755	2,448	18	3,100	2,432	2,299
26	3,290	2,721	2,424	25	3,188	2,386	2,245
Dec. 3	3,330	2,764	2,584	Dec. 2	3,053	2,491	2,297
10	3,370	2,585	2,393	9	3,178	2,412	2,315
17	3,463	2,583	2,376	16	3,211	2,469	2,364
24	3,492	2,627	2,451	23	3,242	2,339	2,266
31	3,426	2,664	2,427	30	3,349	2,412	2,354
1989:				1990:			
Jan. 7	3,605	2,650	2,422	Jan. 6	3,156	2,567	2,475
14	3,494	2,686	2,444	13	3,270	2,442	2,322
21	3,554	2,692	2,527	20	2,883	2,580	2,446
28	3,464	2,797	2,539	27	2,952	2,462	2,311
Feb. 4	3,175	2,753	2,532	Feb. 3	2,921	2,576	2,385
11	3,545	2,855	2,557	10	3,036	2,323	2,170
18	3,306	2,727	2,482	17	3,262	2,327	2,190
25	3,718	2,533	2,331	24	3,332	2,273	2,123
Mar. 4	3,472	2,819	2,552	Mar. 3	3,459	2,372	2,182
11	3,637	2,663	2,437	10	3,119	2,639	2,395
18	3,813	2,908	2,686	17	3,420	2,701	2,509
25	3,422	2,793	2,534	24	3,041	2,817	2,588
				31	3,369	2,476	2,287
Apr. 1	3,498	2,870	2,727				
8	3,572	2,977	2,785	Apr. 7	3,271	2,690	2,532
15	3,727	2,745	2,529	14	3,202	2,498	2,304
22	3,918	2,725	2,443	21	3,205	2,665	2,484
29	3,798	2,861	2,553	28	2,855	2,603	2,316
May 6	3,805	2,982	2,743	May 5	3,331	2,600	2,328
13	3,524	3,150	2,848	12	3,207	2,552	2,241
20	3,756	3,034	2,648	19	3,158	2,230	2,065
27	3,415	3,054	2,798	26	2,850	2,626	2,276
Jun. 3	3,690	2,860	2,649	Jun. 2	3,147	2,576	2,225
10	3,450	2,964	2,772	9	3,172	2,512	2,199
17	3,670	2,768	2,527	16	3,188	2,230	2,189
24	3,842	2,914	2,693	23	3,143	2,502	2,382
				30	2,895	2,514	2,336
Jul. 1	3,545	2,741	2,564				
8	3,289	2,887	2,593	Jul. 7	2,904	2,575	2,334
15	3,401	3,044	2,783	14	2,789	2,547	2,360
22	3,296	2,881	2,663	21	2,893	2,263	2,153
29	3,433	2,685	2,430	28	2,775	2,420	2,225
Aug. 5	3,439	2,729	2,497	Aug. 4	3,040	2,303	2,037
12	3,384	2,672	2,384	11	3,116	2,329	2,141
19	3,205	2,668	2,488	18	3,263	2,279	2,169
26	3,542	2,761	2,601	25	3,098	2,405	2,272
Sep. 2	3,489	2,682	2,526	Sep. 1	3,051	2,463	2,244
9	3,178	2,519	2,390	8	2,780	2,570	2,350
16	2,794	2,781	2,611	15	2,753	2,478	2,230
23	3,071	2,760	2,591	22	2,862	2,454	2,244
30	3,587	2,519	2,397	29	2,980	2,180	2,040
Oct. 7	3,238	2,239	2,080	Oct. 6	3,049	2,218	2,047
14	3,203	2,337	2,236	13	3,115	2,266	2,053
21	2,930	2,741	2,589	20	2,595	2,402	2,218
28	3,127	2,462	2,321	27	2,884	2,460	2,298
Nov. 4	3,000	2,494	2,358	Nov. 3	3,151	2,497	2,062
TOTAL 3/	179,221	142,738	131,592	TOTAL 4/	160,482	127,695	118,002

1/ Eggs set and chicks hatched for all broiler type chicks, those to be raised as broilers and those to be raised for breeder flock replacement. 2/ Placements for broiler production in Pennsylvania only. 3/ Production year 1989 includes weeks ending November 12, 1988 through November 4, 1989. 4/ Production year 1990 includes weeks ending November 11, 1989 through November 3, 1990.

PENNSYLVANIA: BROILER PRODUCTION AND VALUE, 1990

County	Number Produced	Pounds Produced	Value Of Production
		-------- (000) --------	
Adams	1,500	6,750	2,430
Berks	5,400	24,300	8,748
Chester	3,200	14,400	5,184
Columbia	700	3,150	1,134
Cumberland	1,400	6,300	2,268
Dauphin	3,200	14,450	5,184
Franklin	3,300	14,850	5,346
Huntingdon	2,300	10,350	3,726
Juniata	7,700	34,650	12,474
Lancaster	50,300	226,350	81,486
Lebanon	11,000	49,560	17,820
Mifflin	2,800	12,600	4,536
Montour	700	3,150	1,134
Northumberland	3,600	16,200	5,832
Perry	4,500	20,250	7,290
Schuylkill	3,200	14,400	5,184
Snyder	4,600	20,700	7,452
Union	1,800	8,100	2,916
York	2,500	11,250	4,050
Other Counties	1,900	8,550	3,078
Pennsylvania	**115,600**	**520,200**	**187,272**



PENNSYLVANIA: COMMERCIAL BROILERS AND ROASTERS - PRODUCTION AND VALUE, 1965-1990

Year	Number Produced	Pounds Per Bird	Pounds Produced	Price Per Pound	Value Of Production
	(000)	Pounds	(000)	Cents	(000)
1965	42,962	3.9	167,552	17.6	29,489
1970 1/	53,677	4.0	214,708	15.6	33,494
1975	65,770	4.1	269,657	31.5	84,942
1979	109,206	4.1	447,745	27.5	123,130
1980	111,553	4.0	446,212	28.5	127,170
1981	115,058	4.0	460,232	30.0	138,070
1982	114,889	4.1	471,045	27.0	127,182
1983	102,642	4.1	420,832	28.0	117,833
1984	89,435	4.1	366,683	33.0	121,006
1985	94,696	4.2	397,723	31.0	123,294
1986	101,907	4.2	428,009	32.0	136,963
1987	115,635	4.2	485,667	29.0	140,843
1988	126,900	4.2	532,980	33.0	175,883
1989	127,700	4.3	549,110	37.0	203,171
1990	115,600	4.5	520,200	36.0	187,272

1/ Beginning with 1970, marketing year ends November 30.

PENNSYLVANIA: EGGS - PRODUCTION AND VALUE, 1965-1990 2/

Year	Number Produced	Price Per Dozen	Value Of Production
	Million	Cents	(000)
1965	3,392	36.1	102,043
1970 1/	3,220	40.9	109,748
1975	2,800	51.2	119,467
1979	3,836	55.7	178,055
1980	4,251	51.0	180,668
1981	4,268	60.0	213,400
1982	4,324	58.0	208,993
1983	4,716	59.0	231,871
1984	4,282	72.0	256,920
1985	4,774	55.0	218,808
1986	4,963	59.0	244,014
1987	5,205	43.0	186,513
1988	5,317	42.0	186,095
1989	5,232	59.0	257,240
1990	4,976	61.0	251,947

1/ Beginning with 1970, marketing year ends November 30. 2/ Includes Market and Hatchery Eggs.

PENNSYLVANIA: TURKEYS - PRODUCTION AND VALUE, 1965-1990

Year	Number Produced 1/	Pounds Per Bird	Pounds Produced	Price Per Pound	Value Of Production
	(000)	Pounds	(000)	Cents	(000)
1965	1,750	19.0	33,218	26.5	8,803
1970	2,266	19.6	44,414	25.4	11,281
1975	2,838	19.0	53,922	37.3	20,113
1979	4,740	18.0	85,320	46.0	39,247
1980	5,510	17.0	93,670	45.0	42,152
1981	5,680	19.0	107,920	45.0	48,564
1982	5,300	19.0	100,700	47.0	47,329
1983	6,800	19.0	129,200	47.0	60,724
1984	6,100	18.0	109,800	59.0	64,782
1985	7,100	19.0	134,900	50.0	67,450
1986	7,800	20.0	156,000	51.0	79,560
1987	8,000	20.0	160,000	42.0	67,200
1988	7,900	20.0	158,000	44.0	69,520
1989	8,400	20.0	168,000	43.0	72,240
1990	8,430	20.0	168,600	41.0	69,126

1/ Includes poults shipped into Pennsylvania.

MINK - 1990

By PAUL E. WILLIAMS

Pennsylvania's 24 mink ranchers produced 95,400 pelts in 1990 compared with 169,000 pelts in 1989. Pennsylvania ranked 9th in the nation in 1990 mink pelt production. The number of females bred to produce kits for 1991 is estimated to be 23,500 , 13 percent less than 1990.

The major production areas are counties in the Central District (68 percent) and the Northwest District (23 percent).

By color class, standard was the major pelt color produced in 1990, 33.6 percent of the total. Respectively, Gunmetal and mahogany represented 20.1 percent and 14.0 percent of the 1990 pelt production.

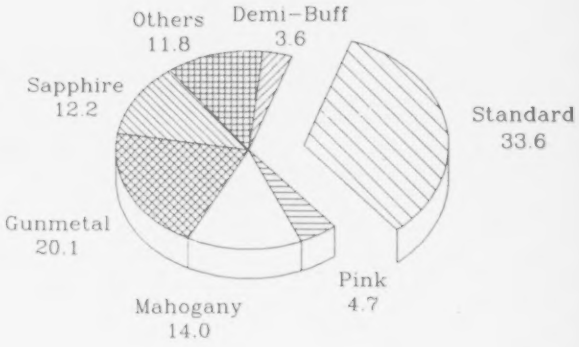
The U.S. average marketing price per pelt produced for the 1990 crop year was $25.50, compared with $20.90 in 1989 and $32.30 in 1988. Average prices for Pennsylvania are not available.

PENNSYLVANIA: MINK HISTORICAL PERSPECTIVE, 1970-1990 1/

Year	Ranches Producing Pelts	Females Bred	Pelts Produced
1970	106	58,000	159,000
1971	68	40,500	123,000
1972	57	38,000	107,000
1973	59	37,500	109,000
1974	54	38,600	121,000
1975	51	39,500	125,000
1976	49	38,500	126,000
1977	48	40,300	129,000
1978	46	40,800	138,000
1979	45	42,200	151,900
1980	47	44,500	156,600
1981	1/	45,600	1/
1982	46	1/	156,000
1983	49	44,400	174,700
1984	48	44,000	158,600
1985	47	42,400	137,500
1986	41	39,100	140,700
1987	44	40,100	146,900
1988	43	42,000	162,700
1989	43	41,900	169,000
1990	24	27,100	95,400
1991		23,500	

1/ Survey was discontinued for the 1981 crop. Reinstated for the 1982 crop.

PENNSYLVANIA: PELT PRODUCTION BY COLOR CLASS, 1990



PENNSYLVANIA: MINK PELTS PRODUCED AND FEMALES BRED, BY COLOR CLASS, 1988-1990

Color Class	Pelts Produced			Females Bred To Produce Kits		
	1988	1989	1990	1989	1990	1991
Standard	43,400	42,800	32,100	11,900	9,400	9,200
Ranch Wild	2/	8,700	2/	1,500	2/	2/
Demi-Buff 1/	17,800	14,800	3,400	4,100	1,200	1,100
Pastel	9,700	9,200	2/	2,200	700	2/
Pale Brown	2/	2/	2/	2/	-	2/
Sapphire	13,300	14,000	11,600	4,200	3,300	2,300
Gunmetal	23,800	26,100	19,200	6,700	6,400	5,900
Mahogany	24,500	27,700	13,400	6,400	2,400	1,800
Pearl	4,400	4,000	600	1,000	100	-
Pink	9,000	9,000	4,500	1,800	1,200	900
Violet Type	3,500	5,700	3,100	1,300	1,000	500
White	2/	2/	2/	2/	2/	2/
Misc. & Unclassified	1,200	2/	-	2/	2/	-
TOTAL	162,700	169,000	95,400	41,900	27,100	23,500

1/ This color class includes demi-buff, dark brown, violet, pastel, standard and pearl crosses and others. 2/ Included in total to avoid disclosing individual operations.

HONEY PRODUCTION - 1990

By PAUL E. WILLIAMS

Honey production for 1990 by producers with 5 or more hives totaled 1.1 million pounds. Honey producers took honey from 41,000 colonies with an average yield of 28 pounds per colony. Honey stocks on hand, as of December 15th, were 379,000 pounds.

Honey producers received an average price of 67 cents per pound for the 1990 crop.

The 1990 honey production is valued at 769,000 dollars. Pennsylvania ranks 28th in the nation for honey production.

A sample of honey producers were surveyed in December for information on number of colonies, honey production, honey stocks on hand for sale, and prices received for honey sold.

PENNSYLVANIA: HONEY, PRODUCTION AND VALUE, 1971-1990

Year	Colonies Of Bees	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand 1/
	(000)	Pounds	(000) Pounds	Dollars	(000) Dollars	(000) Pounds
1971	89	40	3,560	.252	897	1,326
1972	92	41	3,772	.338	1,275	981
1973	95	40	3,800	.443	1,683	1,330
1974	100	21	2,100	.594	1,247	735
1975	86	25	2,150	.589	1,266	645
1976	93	31	2,883	.615	1,773	923
1977	93	31	2,883	.656	1,891	865
1978	78	31	2,418	.653	1,579	725
1979	74	41	3,034	.643	1,951	1,001
1980	80	41	3,280	.700	2,296	1,181
1981	85	30	2,550	.831	2,119	995
1986 2/	50	32	1,600	.550	880	624
1987	48	39	1,872	.680	1,273	711
1988	45	46	2,070	.670	1,387	683
1989	41	39	1,599	.630	1,007	560
1990	41	28	1,148	.670	769	379

1/ Stocks on hand December 15 for sale. 2/ Survey discontinued after 1981 and reinstated in 1986.

PENNSYLVANIA AND MAJOR STATES:
NUMBER OF COLONIES, PRODUCTION, STOCKS, AND VALUE - 1990

State	Colonies Of Bees	Yield Per Colony	Production	Stocks December 15	Value Of Production
	(000) Colonies	Pounds	(000) Pounds		(000) Dollars
Pennsylvania	**41**	**28**	**1,148**	**379**	**769**
Arizona	67	48	3,216	836	1,608
California	480	42	20,160	2,218	10,886
Colorado	55	64	3,520	845	2,042
Florida	220	95	20,900	1,881	9,823
Georgia	111	50	5,550	333	3,219
Idaho	140	40	5,600	784	2,632
Kansas	36	67	2,412	241	1,447
Michigan	100	80	8,000	2,560	4,320
Minnesota	170	74	12,580	1,384	5,913
Montana	95	81	7,695	1,154	3,694
Nebraska	118	56	6,608	1,189	3,040
North Dakota	210	82	17,220	689	8,610
South Dakota	245	81	19,845	3,771	9,526
Texas	140	67	9,380	1,501	5,816
Wisconsin	112	75	8,400	1,512	4,956
Other States	848	51.7	43,827	2,491	26,732
U.S. TOTAL	**3,188**	**61.5**	**196,035**	**30,746**	**105,033**

CROP PRODUCTION - 1990

By STEVEN P. GUNN

1990 CROP SUMMARY: Warm temperatures and normal rainfall allowed for an early start on spring planting. Above normal precipitation occured in 5 of 6 weeks in May and early June, which delayed spring planting. Topsoil moisture went from a 4 percent surplus rating on April 29 to a 46 percent surplus rating on June 3. Spring plowing was not complete until mid June, about the same as 1989 and a week behind normal. Late June was warm and dry allowing field work to progress.

July was wet and warm. Precipitation and temperatures exceeded normal for 3 out of 4 weeks. Field work continued to lag a week behind normal. Cooler temperuatures and near normal rainfall prevailed in August. Crop progress caught up to normal during August. Soil moisture was rated 24 percent surplus by September 2. September brought above normal temperatures and precipitation. Crop progress remained at near normal levels. The surplus soil moisture rating was rose to 33 percent. Warm temperatures and above normal rainfall persisted into October. Continued wet weather delayed harvest. Soil moisture by the end of October was rated 80 percent surplus. Below normal temperatures and precipitation prevailed in November. Cool weather in early November delayed drying, but the dry weather in late November allowed corn harvest to be completed on schedule.

For the entire season (April-November), the Commonwealth experienced above normal temperatures and rainfall. The State averaged 1 degree above normal in weekly temperature and 0.20 inches above normal in weekly precipitation during the growing season. Small grain progress was delayed by the wet spring weather. Wheat harvest began in the second week of July, one week behind normal. Wheat harvest was complete by the third week of August, about one week behind normal. Barley harvest started in late June and finished in mid August, a week behind normal.

Excess soil moisture delayed harvest for several row crops. Potato harvest began in late July and proceeded behind normal until completion in late October. Corn harvest for ensilage began in late August, about a week behind the average. Ensilage harvest remained behind normal levels and reached completion in the second week of November, a week later than normal. Corn for grain harvest began in the last week of September, a week later than normal. Corn harvest progression lagged behind normal until completion in mid-December. Soybean harvest began in early October, slightly behind normal. Soybean harvest was completed by the second week of December, slightly behind normal.

SMALL GRAINS: Production of winter wheat was 10,500,000 bushels, 32 percent more than production in 1989. Acreage harvested was down from 215,000 in 1989 to 210,000 in 1990. Yields were up 35 percent to 50 bushels per acre in 1990. Oats production was 15,840,000, up 15 percent from 1989. Oats acres for harvest was a record low of 240,000 in 1990 down from the previous record of 255,000 in 1989. Oat yields improved 22 percent to 66 bushels per acre. Barley production for 1990 was 4,140,000 bushels, down 17 percent. Acreage harvested was 60,000, down from 1989's 85,000 acres. Barley yield improved 17 percent to 69 bushels per acre. Rye production was 496,000 bushels in 1990, 14 percent less than 1989. Acreage harvested was down from 18,000 to 16,000. Rye yield decreased 3 percent to 31 bushels per acre.

HAY: Production of all hay in 1990 was 4,719,000 tons, less than 1 percent above 1989. Total acres harvested was 1,900,000, down 2 percent. Yield was 2.48 tons per acre, up from 2.44 tons in 1989. Alfalfa hay production was 2,430,000 tons, 2 percent above 1989's production. Alfalfa acreage harvested was 810,000, down 10,000 from 1989. Yield was 3.00 tons per acre, 3 percent above 1989. Other hay production was 2,289,000 tons, down 2 percent from the 2,331,000 tons produced in 1989. Other hay acreage harvested decreased from 1,110,000 to 1,090,000. Yields remained unchanged at 2.1 tons per acre. Haylage production for 1990 was 2,250,000 tons. Haylage harvested acreage was 375,000 with an average yield of 6 tons per acre.

ROW CROPS: Corn for grain production was up 11 percent to 109,610,000 bushels. Corn acres harvested for grain amounted to 970,000 acres, up 1 percent. Yield was 113 bushels per acre, up 10 bushels from 1989. Corn silage production was 6,240,000 tons, 4 percent above 1989. Acres harvested for silage totaled 390,000 acres, down 2 percent from last year. Yield averaged 16 tons per acre, up 1 ton. Soybean production for 1990 was a record high 11,275,000 bushels, 9 percent more than 1989. Soybean acres harvested was 275,000, down 30,000 acres. Yield per acre was 41 bushels, 21 more than 1989. Potato production was 5,400,000 cwt., 15 percent more than 1989. Acres harvested increased 10 percent to 22,500. Yield increased 10 cwt. to 240 cwt. per acre. Total production of tobacco was 19,780,000 lbs., up 10 percent from 1989. Total acres harvested increased 5 percent to 10,500. All tobacco yield increased 91 lbs. to 1,978 lbs. per acre.

PENNSYLVANIA: SUMMARY OF PRINCIPAL CROPS HARVESTED IN 1990

Crop	Acres Harvested	Production 1/			Value 2/	
		Unit	Per Acre	Total	Per Unit	Total
				(000)	Dols.	(000) Dols.
Winter Wheat	210,000	Bu.	50	10,500	2.85	29,925
Rye	16,000	Bu.	31	496	3.25	1,612
Oats	240,000	Bu.	66	15,840	1.35	21,384
Barley	60,000	Bu.	69	4,140	2.15	8,901
Soybeans	275,000	Bu.	41	11,275	5.60	63,140
Corn, For Grain	970,000	Bu.	113	109,610	2.45	268,545
Corn, For Silage	390,000	Ton	16.0	6,240	23.40	146,016
Hay, All	1,900,000	Ton	2.48	4,719	102.00	481,338
Hay, Alfalfa	810,000	Ton	3.00	2,430	-	-
Hay, Other	1,090,000	Ton	2.10	2,289	-	-
Haylage	375,000	Ton	6.00	2,250	21.00	47,250
Potatoes	22,500	Cwt.	240	5,400	7.30	39,420
Tobacco--All	10,000	Lb.	1,978	19,780	1.508	29,825
Mushrooms 3/	-	Lb.	-	332,449	.771	256,225
Strawberries	1,700	Cwt.	43	73	105.00	7,665
Fresh Vegetables:						
Sweet Corn	18,200	Cwt.	49	892	18.20	16,234
Tomatoes	4,700	Cwt.	130	611	19.90	12,159
Processing Vegetables 4/:	17,600	Ton	-	83.5	-	11,352
Snap Beans	8,500	Ton	2.93	24.9	212.00	5,281
Sweet Corn	3,500	Ton	4.60	16.1	58.90	948
Tomatoes	1,800	Ton	19.40	34.9	94.70	3,307
Pears	-	Ton	-	3.20	358.00	1,144
Cherries, Sweet	-	Ton	-	.05	1,620.00	81
Grapes	-	Ton	-	53.00	285.00	15,098
				Million Pounds		
Apples	-	Lb.	-	450	.143	64,240
Peaches	-	Lb.	-	76.0	.289	21,993
Cherries, Tart	-	Lb.	-	3.3	.282	931
TOTAL: ALL CROPS	-		-	-	-	1,544,478

1/ Excludes some quantities of vegetables and fruit not harvested or not marketed because of economic conditions and excess cullage of fruit. 2/ Includes allowance for loans outstanding and purchases by government valued at average loan and purchase rates. 3/ 1989 production year ending June 30, 1990. 4/ Includes some unlisted crops.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, DISPOSITION AND VALUE OF GRAINS AND HAY 1960-1990

Year	Acres		Production		Season Average Price Per Unit	Value Of Production
	Planted	Harvested	Per Acre	Total		
	(000)		Bushel	(000) Bu.	$/Bu.	(000) Dols.
			WINTER WHEAT			
1960	546	535	29.5	15,782	1.67	26,356
1970	286	275	33.0	9,075	1.42	12,887
1980	260	250	37.0	9,250	4.10	37,925
1985	220	210	48.0	10,080	3.05	30,744
1987	190	185	43.0	7,955	2.90	23,070
1988	175	170	53.0	9,010	3.70	33,337
1989	220	215	37.0	7,955	3.55	28,240
1990	215	210	50.0	10,500	2.85	29,925
			OATS			
1960	684	653	42.5	27,752	.74	20,536
1970	420	395	57.0	22,515	.78	17,562
1980	360	340	56.0	19,040	2.13	40,555
1985	320	300	70.0	21,000	1.26	26,460
1987	290	260	57.0	14,820	1.83	27,121
1988	290	260	50.0	13,000	2.34	30,420
1989	280	255	54.0	13,770	1.66	22,858
1990	270	240	66.0	15,840	1.35	21,384
			BARLEY			
1960	172	168	45.0	7,560	.92	6,955
1970	180	172	50.0	8,600	.96	8,256
1980	80	75	50.0	3,750	2.89	10,838
1985	75	70	62.0	4,340	1.60	6,944
1987	65	60	57.0	3,420	1.45	4,959
1988	60	55	66.0	3,630	2.40	8,712
1989	90	85	59.0	5,015	2.00	10,030
1990	65	60	69.0	4,140	2.15	8,901
			SOYBEANS			
1960	26	7	23.0	161	2.10	338
1970	30	28	32.0	896	2.90	2,598
1980	135	130	24.5	3,185	7.60	24,206
1985	190	185	35.0	6,475	4.75	30,756
1987	190	185	34.0	6,290	6.20	38,998
1988	250	245	32.0	7,840	7.45	58,408
1989	310	305	34.0	10,370	5.65	58,591
1990	280	275	41.0	11,275	5.60	63,140
			CORN FOR GRAIN			
1960	1,202	923	67.0	61,841	1.22	75,446
1970	1,260	914	89.0	81,346	1.51	122,832
1980	1,800	1,280	75.0	96,000	3.62	347,520
1985	1,780	1,380	110.0	151,800	2.48	376,464
1987	1,550	1,090	93.0	101,370	2.47	250,384
1988	1,480	910	65.0	59,150	3.10	183,365
1989	1,380	960	103.0	98,880	2.88	284,774
1990	1,380	970	113.0	109,610	2.45	268,545
			CORN FOR SILAGE			
			Tons	(000) Tons	$/Ton	
1960	-	260	11.5	2,990	8.50	25,415
1970	-	318	15.5	4,929	10.50	51,755
1980	-	498	12.6	6,275	22.50	141,188
1985	-	395	16.5	6,518	23.70	154,477
1987	-	450	14.5	6,525	21.30	138,983
1988	-	550	10.0	5,500	27.60	151,800
1989	-	400	15.0	6,000	23.00	138,000
1990	-	390	16.0	6,240	23.40	146,016
			ALL HAY			
1960	-	2,087	1.91	3,991	24.30	96,981
1970	-	2,069	2.18	4,511	30.00	135,330
1980	-	1,950	2.14	4,182	75.00	313,650
1985	-	1,990	2.66	5,302	67.50	357,885
1987	-	1,980	2.57	5,093	84.50	430,359
1988	-	1,960	2.33	4,564	92.50	422,170
1989	-	1,930	2.44	4,709	94.00	442,646
1990	-	1,900	2.48	4,719	102.00	481,338

PENNSYLVANIA: GRAIN AND HAY STOCKS BY POSITIONS, QUARTERLY 1988-1990

Quarter and Year	On-Farms	Off-Farms 1/	Total All Positions
		(000) Bushels	
		CORN	
MARCH 1			
1988	62,000	6,845	68,845
1989	45,000	5,475	50,475
1990	54,000	7,290	61,290
JUNE 1			
1988	32,000	5,570	37,570
1989	22,000	4,250	26,250
1990	26,000	4,256	30,256
SEPTEMBER 1			
1988	17,700	4,015	21,715
1989	10,000	2,635	12,635
1990	10,000	1,709	11,709
DECEMBER 1			
1988	52,000	5,195	57,195
1989	85,000	7,049	92,049
1990	95,000	10,510	105,510
		ALL WHEAT	
MARCH 1			
1988	*	4,210	*
1989	*	4,985	*
1990	*	3,750	*
JUNE 1			
1988	*	2,175	*
1989	*	2,025	*
1990	*	1,849	*
SEPTEMBER 1			
1988	*	8,610	*
1989	*	5,650	*
1990	*	6,285	*
DECEMBER 1			
1988	*	7,300	*
1989	*	5,389	*
1990	*	6,129	*
		OATS 2/	
JUNE 1			
1988	3,100	635	3,735
1989	2,400	560	2,960
1990	1,850	442	2,292
		BARLEY 2/	
JUNE 1			
1988	*	149	*
1989	*	210	*
1990	*	147	*
		HAY	
		(000) Tons	
MAY 1			
1988	968	-	968
1989	867	-	867
1990	848	-	848
DECEMBER 1			
1988	3,195	-	3,195
1989	3,155	-	3,155
1990	3,350	-	3,350

1/ Includes stocks at mills, elevators, warehouses, terminals, processors and CCC-owned grain at bin sites.
2/ Quarterly estimates not available. June 1 stocks represent end of market year stocks. * Separate estimates for Pennsylvania not available.

PENNSYLVANIA: CORN FOR GRAIN - ACREAGE, YIELD, PRODUCTION AND VALUE, 1990

County & District	Total Planted	Harvested for Grain	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	30,800	22,500	114.0	2,565,000	6,284,200
Erie	17,700	12,200	104.0	1,268,800	3,108,600
Forest	400	200	100.0	20,000	49,000
Mercer	26,200	21,100	118.0	2,489,800	6,100,000
Venango	5,200	4,000	108.0	432,000	1,058,400
Warren	4,700	1,200	100.0	120,000	294,000
NORTHWESTERN, TOTAL	**85,000**	**61,200**	**112.7**	**6,895,600**	**16,894,200**
Bradford	38,000	12,400	106.0	1,314,400	3,220,300
Cameron	200	100	101.0	10,100	24,700
Clinton	9,800	6,800	120.0	816,000	1,999,200
Elk	1,100	600	105.0	63,000	154,300
Lycoming	25,600	20,600	114.0	2,348,400	5,753,600
McKean	1,700	400	97.0	38,800	95,100
Potter	6,000	1,200	98.0	117,600	288,100
Sullivan	3,700	1,200	104.0	124,800	305,800
Tioga	16,900	9,200	96.0	883,200	2,163,800
NORTH CENTRAL, TOTAL	**103,000**	**52,500**	**108.9**	**5,716,300**	**14,004,900**
Lackawanna	2,600	1,000	101.0	101,000	247,500
Susquehanna	11,100	2,700	94.0	253,800	621,800
Wayne	4,300	1,000	110.0	110,000	269,500
Wyoming	6,500	3,100	96.0	297,600	729,100
NORTHEASTERN, TOTAL	**24,500**	**7,800**	**97.7**	**762,400**	**1,867,900**
Armstrong	14,400	11,600	106.0	1,229,600	3,012,500
Beaver	7,400	5,900	110.0	649,000	1,590,100
Butler	20,700	15,600	120.0	1,872,000	4,586,400
Clarion	11,400	6,800	117.0	795,600	1,949,200
Indiana	29,100	23,200	107.0	2,482,400	6,081,900
Jefferson	7,300	4,400	116.0	510,400	1,250,500
Lawrence	19,700	15,200	121.0	1,839,200	4,506,000
WEST CENTRAL, TOTAL	**110,000**	**82,700**	**113.4**	**9,378,200**	**22,976,600**
Blair	23,300	11,200	112.0	1,254,400	3,073,300
Cambria	8,500	5,500	104.0	572,000	1,401,400
Centre	33,300	24,800	113.0	2,802,400	6,865,900
Clearfield	5,500	4,200	105.0	441,000	1,080,400
Columbia	21,400	18,600	98.0	1,822,800	4,465,800
Dauphin	23,900	18,600	97.0	1,804,200	4,420,300
Huntingdon	22,300	12,600	104.0	1,310,400	3,210,500
Juniata	16,700	12,300	116.0	1,426,800	3,495,700
Mifflin	20,900	12,300	105.0	1,291,500	3,164,200
Montour	8,500	6,800	110.0	748,000	1,832,600
Northumberland	34,100	31,400	110.0	3,454,000	8,462,300
Perry	19,800	14,600	105.0	1,533,000	3,755,800
Snyder	19,700	16,200	112.0	1,814,400	4,445,300
Union	20,100	16,200	119.0	1,927,800	4,723,100
CENTRAL, TOTAL	**278,000**	**205,300**	**108.1**	**22,202,700**	**54,396,600**
Carbon	1,900	1,700	96.0	163,200	399,800
Lehigh	27,000	25,700	120.0	3,084,000	7,555,800
Luzerne	7,300	5,200	103.0	535,600	1,312,200
Monroe	4,500	4,200	95.0	399,000	977,600
Northampton	30,700	28,000	124.0	3,472,000	8,506,400
Pike	500	400	101.0	40,400	99,000
Schuylkill	19,100	16,200	101.0	1,636,200	4,008,700
EAST CENTRAL, TOTAL	**91,000**	**81,400**	**114.6**	**9,330,400**	**22,859,500**
Allegheny	2,000	1,500	104.0	156,000	382,200
Fayette	11,400	9,600	108.0	1,036,800	2,540,100
Greene	2,300	1,300	96.0	124,800	305,800
Somerset	29,600	15,600	100.0	1,560,000	3,822,000
Washington	16,300	13,300	112.0	1,489,600	3,649,500
Westmoreland	21,900	17,500	117.0	2,047,500	5,016,400
SOUTHWESTERN, TOTAL	**83,500**	**58,800**	**109.1**	**6,414,700**	**15,716,000**
Adams	30,000	24,000	100.0	2,400,000	5,880,000
Bedford	31,600	15,900	105.0	1,669,500	4,090,300
Cumberland	50,000	34,400	94.0	3,233,600	7,922,300
Franklin	67,300	40,700	111.0	4,517,700	11,068,300
Fulton	10,600	6,700	98.0	656,600	1,608,700
York	74,500	65,600	109.0	7,150,400	17,518,500
SOUTH CENTRAL, TOTAL	**264,000**	**187,300**	**104.8**	**19,627,800**	**48,088,100**
Berks	70,000	55,300	120.0	6,636,000	16,258,200
Bucks	14,600	12,600	109.0	1,373,400	3,364,800
Chester	48,400	35,700	133.0	4,748,100	11,632,900
Delaware	1,200	1,000	108.0	108,000	264,600
Lancaster	156,000	94,000	135.0	12,690,000	31,090,500
Lebanon	38,700	24,800	110.0	2,728,000	6,683,600
Montgomery	12,100	9,600	104.0	998,400	2,446,100
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**341,000**	**233,000**	**125.7**	**29,281,900**	**71,740,700**
PENNSYLVANIA	**1,380,000**	**970,000**	**113.0**	**109,610,000**	**268,544,500**

PENNSYLVANIA: CORN FOR SILAGE - ACREAGE, YIELD, PRODUCTION AND VALUE, 1990

County & District	Harvested	Yield	Production	Value of Production
	Acres	Tons	Tons	Dollars
Crawford	7,700	13.3	102,400	2,396,200
Erie	5,000	13.9	69,500	1,626,300
Forest	200	13.0	2,600	60,800
Mercer	4,600	15.0	69,000	1,614,600
Venango	1,100	13.9	15,300	358,000
Warren	3,400	14.2	48,300	1,130,200
NORTHWESTERN, TOTAL	**22,000**	**14.0**	**307,100**	**7,186,100**
Bradford	25,000	15.8	395,000	9,243,000
Cameron	100	14.0	1,400	32,800
Clinton	2,900	16.9	49,000	1,146,600
Elk	400	13.8	5,500	128,700
Lycoming	4,600	16.0	73,600	1,722,200
McKean	1,200	13.7	16,400	383,700
Potter	4,600	14.5	66,700	1,560,800
Sullivan	2,400	13.0	31,200	730,100
Tioga	7,400	13.2	97,700	2,286,200
NORTH CENTRAL, TOTAL	**48,600**	**15.2**	**763,500**	**17,234,100**
Lackawanna	1,500	15.1	22,600	528,900
Susquehanna	8,200	14.7	120,500	2,819,700
Wayne	3,200	16.8	53,800	1,258,900
Wyoming	3,300	15.6	51,500	1,205,100
NORTHEASTERN, TOTAL	**16,200**	**15.3**	**248,400**	**5,812,600**
Armstrong	2,600	14.9	38,700	905,600
Beaver	1,400	14.6	20,400	477,300
Butler	4,800	14.3	68,600	1,605,200
Clarion	4,500	13.0	58,500	1,368,900
Indiana	5,400	13.1	70,700	1,654,400
Jefferson	2,800	13.2	37,000	865,800
Lawrence	4,200	13.5	56,700	1,326,300
WEST CENTRAL, TOTAL	**25,700**	**13.6**	**350,600**	**8,204,000**
Blair	11,700	15.6	182,500	4,270,500
Cambria	2,800	15.2	42,600	996,800
Centre	7,800	13.5	105,300	2,464,000
Clearfield	1,200	13.2	15,800	369,700
Columbia	2,400	15.8	37,900	886,900
Dauphin	5,000	14.5	72,500	1,696,500
Huntingdon	9,500	13.8	131,100	3,067,800
Juniata	4,300	14.2	61,100	1,429,700
Mifflin	8,400	15.1	127,100	2,974,200
Montour	1,600	16.7	26,700	624,800
Northumberland	2,100	13.4	28,100	657,500
Perry	5,000	13.1	65,500	1,532,700
Snyder	3,300	13.1	43,200	1,010,900
Union	3,600	16.0	57,600	1,347,800
CENTRAL, TOTAL	**68,700**	**14.5**	**997,000**	**23,329,800**
Carbon	200	15.0	3,000	70,200
Lehigh	900	15.2	13,700	320,600
Luzerne	2,000	15.5	31,000	725,400
Monroe	200	15.0	3,000	70,200
Northampton	2,400	13.9	33,400	781,600
Pike	100	15.0	1,500	35,100
Schuylkill	2,700	15.6	42,100	985,100
EAST CENTRAL, TOTAL	**8,500**	**15.0**	**127,700**	**2,988,200**
Allegheny	500	14.0	7,000	163,800
Fayette	1,700	16.2	27,500	643,500
Greene	900	14.4	13,000	304,200
Somerset	13,200	13.4	176,900	4,139,400
Washington	2,800	14.1	39,500	924,300
Westmoreland	4,000	15.1	60,400	1,413,400
SOUTHWESTERN, TOTAL	**23,100**	**14.0**	**324,300**	**7,588,600**
Adams	5,500	14.3	78,600	1,839,300
Bedford	15,100	13.6	205,400	4,806,400
Cumberland	14,900	15.3	228,000	5,335,200
Franklin	25,800	16.2	418,000	9,781,200
Fulton	3,600	14.4	51,800	1,212,100
York	7,900	15.8	124,800	2,920,300
SOUTH CENTRAL, TOTAL	**72,800**	**15.2**	**1,106,600**	**25,894,500**
Berks	13,900	17.3	240,500	5,627,700
Bucks	1,700	13.8	23,500	549,900
Chester	11,900	20.3	241,600	5,653,400
Delaware	200	16.0	3,200	74,900
Lancaster	61,000	20.5	1,250,500	29,261,700
Lebanon	13,300	18.3	243,400	5,695,600
Montgomery	2,400	16.3	39,100	914,900
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**104,400**	**19.6**	**2,041,800**	**47,778,100**
PENNSYLVANIA	**390,000**	**16.0**	**6,240,000**	**146,016,000**

PENNSYLVANIA: ALFALFA AND OTHER HAY - ACREAGE, YIELD AND PRODUCTION, 1990

County & District	Alfalfa Hay			Other Hay		
	Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	17,500	2.70	47,200	47,500	2.00	95,000
Erie	8,300	3.49	29,000	33,200	1.90	63,100
Forest	600	3.00	1,800	600	2.33	1,400
Mercer	13,800	2.80	38,600	23,300	2.30	53,600
Venango	4,300	2.58	11,100	10,400	2.20	22,900
Warren	5,500	3.51	19,300	14,000	2.21	31,000
NORTHWESTERN, TOTAL	**50,000**	**2.94**	**147,000**	**129,000**	**2.07**	**267,000**
Bradford	38,000	2.50	95,000	77,000	2.59	199,200
Cameron	100	3.00	300	600	2.50	1,500
Clinton	5,500	3.00	16,500	5,500	1.76	9,700
Elk	1,600	2.50	4,000	3,300	2.64	8,700
Lycoming	15,200	2.80	42,500	16,800	1.90	31,900
McKean	2,000	3.00	6,000	7,000	2.64	18,500
Potter	8,400	2.30	19,300	15,100	2.00	30,200
Sullivan	2,200	2.41	5,300	8,700	1.76	15,300
Tioga	25,000	2.20	55,000	48,000	1.80	86,400
NORTH CENTRAL, TOTAL	**98,000**	**2.49**	**243,900**	**182,000**	**2.21**	**401,400**
Lackawanna	2,800	2.04	5,700	10,500	1.70	17,900
Susquehanna	14,400	2.39	34,400	39,600	2.30	91,100
Wayne	3,900	2.00	7,800	37,800	1.90	71,800
Wyoming	7,900	2.29	18,100	12,100	2.50	30,200
NORTHEASTERN, TOTAL	**29,000**	**2.28**	**66,000**	**100,000**	**2.11**	**211,000**
Armstrong	15,200	2.50	38,000	17,000	2.10	35,700
Beaver	10,400	2.70	28,100	6,900	1.70	11,700
Butler	19,200	2.86	55,000	17,300	2.00	34,600
Clarion	10,000	2.60	26,000	16,300	1.90	31,000
Indiana	18,300	2.50	45,700	20,400	1.90	38,800
Jefferson	9,200	2.50	23,000	16,000	2.00	32,000
Lawrence	10,700	3.00	32,100	10,100	2.00	20,200
WEST CENTRAL, TOTAL	**93,000**	**2.67**	**247,900**	**104,000**	**1.96**	**204,000**
Blair	15,500	2.80	43,400	10,200	1.73	17,600
Cambria	6,400	3.00	19,200	12,300	2.30	28,300
Centre	22,500	3.20	72,000	10,700	2.00	21,400
Clearfield	8,600	2.45	21,100	9,900	2.20	21,800
Columbia	9,200	3.29	30,300	10,500	1.90	20,000
Dauphin	9,500	3.29	31,300	10,600	2.50	26,500
Huntingdon	16,300	3.29	53,700	16,200	2.40	38,900
Juniata	13,200	3.50	46,200	8,800	2.30	20,200
Mifflin	13,300	3.20	42,500	9,600	2.60	25,000
Montour	3,700	3.30	12,200	4,400	1.70	7,500
Northumberland	7,000	3.10	21,700	8,000	2.00	16,000
Perry	13,300	3.50	46,500	14,100	2.21	31,200
Snyder	10,500	3.50	36,700	8,900	1.80	16,000
Union	10,000	3.40	34,000	4,800	2.21	10,600
CENTRAL, TOTAL	**159,000**	**3.21**	**510,800**	**139,000**	**2.17**	**301,000**
Carbon	1,200	2.92	3,500	3,900	1.82	7,100
Lehigh	7,400	3.12	23,100	5,300	2.64	14,000
Luzerne	5,700	2.60	14,800	7,900	1.73	13,700
Monroe	1,300	2.62	3,400	3,400	2.24	7,600
Northampton	9,600	3.40	32,600	3,600	2.11	7,600
Pike	100	2.00	200	800	1.88	1,500
Schuylkill	6,700	3.43	23,000	11,100	2.19	24,300
EAST CENTRAL, TOTAL	**32,000**	**3.14**	**100,600**	**36,000**	**2.11**	**75,800**
Allegheny	3,600	3.00	10,800	4,300	2.00	8,600
Fayette	12,500	2.90	36,200	17,000	2.10	35,700
Greene	6,300	3.00	18,900	26,800	1.90	50,900
Somerset	19,700	2.70	53,100	35,300	2.10	74,100
Washington	28,100	2.60	73,100	30,900	2.30	71,100
Westmoreland	23,800	3.07	73,000	24,700	1.70	42,000
SOUTHWESTERN, TOTAL	**94,000**	**2.82**	**265,100**	**139,000**	**2.03**	**282,400**
Adams	8,400	3.10	26,000	30,600	1.90	58,000
Bedford	29,700	3.19	94,700	26,300	1.80	47,300
Cumberland	21,700	3.00	65,100	17,400	2.34	40,800
Franklin	34,400	3.34	114,900	35,600	1.90	67,600
Fulton	7,900	2.90	22,900	14,600	1.80	26,300
York	15,900	3.00	47,700	24,500	2.00	49,000
SOUTH CENTRAL, TOTAL	**118,000**	**3.15**	**371,300**	**149,000**	**1.94**	**289,000**
Berks	33,800	3.40	114,900	32,200	2.48	80,000
Bucks	3,900	3.00	11,700	13,600	2.00	27,200
Chester	25,700	3.40	87,300	21,300	2.50	53,300
Delaware	700	3.00	2,100	500	2.00	1,000
Lancaster	54,000	3.67	198,000	24,000	2.40	57,600
Lebanon	14,700	3.43	50,400	10,900	1.90	20,700
Montgomery	4,200	3.10	13,000	9,500	1.85	17,600
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**137,000**	**3.48**	**477,400**	**112,000**	**2.30**	**257,400**
PENNSYLVANIA	**810,000**	**3.00**	**2,430,000**	**1,090,000**	**2.10**	**2,289,000**

PENNSYLVANIA: ALL HAY - ACREAGE, YIELD, PRODUCTION AND VALUE, 1990

County & District	Harvested	Yield	Production	Value of Production
	Acres	Tons	Tons	Dollars
Crawford	65,000	2.19	142,200	14,504,400
Erie	41,500	2.22	92,100	9,394,200
Forest	1,200	2.67	3,200	326,400
Mercer	37,100	2.49	92,200	9,404,400
Venango	14,700	2.31	34,000	3,468,000
Warren	19,500	2.58	50,300	5,130,600
NORTHWESTERN, TOTAL	**179,000**	**2.31**	**414,000**	**42,228,000**
Bradford	115,000	2.56	294,200	30,008,400
Cameron	700	2.57	1,800	183,600
Clinton	11,000	2.38	26,200	2,672,400
Elk	4,900	2.59	12,700	1,295,400
Lycoming	32,000	2.32	74,400	7,588,800
McKean	9,000	2.72	24,500	2,499,000
Potter	23,500	2.11	49,500	5,049,000
Sullivan	10,900	1.89	20,600	2,101,200
Tioga	73,000	1.94	141,400	14,422,800
NORTH CENTRAL, TOTAL	**280,000**	**2.31**	**645,300**	**65,820,600**
Lackawanna	13,300	1.77	23,600	2,407,200
Susquehanna	54,000	2.32	125,500	12,801,000
Wayne	41,700	1.91	79,600	8,119,200
Wyoming	20,000	2.42	48,300	4,926,600
NORTHEASTERN, TOTAL	**129,000**	**2.15**	**277,000**	**28,254,000**
Armstrong	32,200	2.29	73,700	7,517,400
Beaver	17,300	2.30	39,800	4,059,600
Butler	36,500	2.46	89,600	9,139,200
Clarion	26,300	2.17	57,000	5,814,000
Indiana	38,700	2.18	84,500	8,619,000
Jefferson	25,200	2.18	55,000	5,610,000
Lawrence	20,800	2.51	52,300	5,334,600
WEST CENTRAL, TOTAL	**197,000**	**2.29**	**451,900**	**46,093,800**
Blair	25,700	2.37	61,000	6,222,000
Cambria	18,700	2.54	47,500	4,845,000
Centre	33,200	2.81	93,400	9,526,800
Clearfield	18,500	2.32	42,900	4,375,800
Columbia	19,700	2.55	50,300	5,130,600
Dauphin	20,100	2.88	57,800	5,895,600
Huntingdon	32,500	2.85	92,600	9,445,200
Juniata	22,000	3.02	66,400	6,772,800
Mifflin	22,900	2.95	67,500	6,885,000
Montour	8,100	2.43	19,700	2,009,400
Northumberland	15,000	2.51	37,700	3,845,400
Perry	27,400	2.84	77,700	7,925,400
Snyder	19,400	2.72	52,700	5,375,400
Union	14,800	3.01	44,600	4,549,200
CENTRAL, TOTAL	**298,000**	**2.72**	**811,800**	**82,803,600**
Carbon	5,100	2.08	10,600	1,081,200
Lehigh	12,700	2.92	37,100	3,784,200
Luzerne	13,600	2.10	28,500	2,907,000
Monroe	4,700	2.34	11,000	1,122,000
Northampton	13,200	3.05	40,200	4,100,400
Pike	900	1.89	1,700	173,400
Schuylkill	17,800	2.66	47,300	4,824,600
EAST CENTRAL, TOTAL	**68,000**	**2.59**	**176,400**	**17,992,800**
Allegheny	7,900	2.46	19,400	1,978,800
Fayette	29,500	2.44	71,900	7,333,800
Greene	33,100	2.11	69,800	7,119,600
Somerset	55,000	2.31	127,200	12,974,400
Washington	59,000	2.44	144,200	14,708,400
Westmoreland	48,500	2.37	115,000	11,730,000
SOUTHWESTERN, TOTAL	**233,000**	**2.35**	**547,500**	**55,845,000**
Adams	39,000	2.15	84,000	8,568,000
Bedford	56,000	2.54	142,000	14,484,000
Cumberland	39,100	2.71	105,900	10,801,800
Franklin	70,000	2.61	182,500	18,615,000
Fulton	22,500	2.19	49,200	5,018,400
York	40,400	2.39	96,700	9,863,400
SOUTH CENTRAL, TOTAL	**267,000**	**2.47**	**660,300**	**67,350,600**
Berks	66,000	2.95	194,900	19,879,800
Bucks	17,500	2.22	38,900	3,967,800
Chester	47,000	2.99	140,600	14,341,200
Delaware	1,200	2.58	3,100	316,200
Lancaster	78,000	3.28	255,600	26,071,200
Lebanon	25,600	2.78	71,100	7,252,200
Montgomery	13,700	2.23	30,600	3,121,200
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**249,000**	**2.95**	**734,800**	**74,949,600**
PENNSYLVANIA	1,900,000	2.48	4,719,000	481,338,000

PENNSYLVANIA: WHEAT - ACREAGE, YIELD, PRODUCTION AND VALUE, 1990

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	1,700	1,700	46.0	78,200	222,900
Erie	1,900	1,900	44.0	83,600	238,300
Forest	-	-	-	-	-
Mercer	3,500	3,300	48.0	158,400	451,400
Venango	300	300	47.0	14,100	40,200
Warren	-	-	-	-	-
NORTHWESTERN, TOTAL	**7,400**	**7,200**	**45.4**	**334,300**	**952,800**
Bradford	200	200	47.0	9,400	26,800
Cameron	-	-	-	-	-
Clinton	900	900	49.0	44,100	125,700
Elk	-	-	-	-	-
Lycoming	2,400	2,200	42.0	92,400	263,300
McKean	-	-	-	-	-
Potter	100	100	41.0	4,100	11,700
Sullivan	-	-	-	-	-
Tioga	200	200	47.0	9,400	26,800
NORTH CENTRAL, TOTAL	**3,800**	**3,600**	**44.3**	**159,400**	**454,300**
Lackawanna	500	500	47.0	23,500	67,000
Susquehanna	-	-	-	-	-
Wayne	100	100	45.0	4,500	12,800
Wyoming	200	200	46.0	9,200	26,200
NORTHEASTERN, TOTAL	**800**	**800**	**46.5**	**37,200**	**106,000**
Armstrong	1,900	1,800	41.0	73,800	210,300
Beaver	1,200	1,200	50.0	60,000	171,000
Butler	3,500	3,400	45.0	153,000	436,000
Clarion	1,200	1,200	40.0	48,000	136,800
Indiana	1,600	1,600	48.0	76,800	218,900
Jefferson	700	700	49.0	34,300	97,800
Lawrence	3,700	3,600	52.0	187,200	533,500
WEST CENTRAL, TOTAL	**13,800**	**13,500**	**46.9**	**633,100**	**1,804,300**
Blair	900	900	51.0	45,900	130,800
Cambria	600	600	54.0	32,400	92,300
Centre	4,300	4,100	55.0	225,500	642,700
Clearfield	200	200	51.0	10,200	29,100
Columbia	4,800	4,700	44.0	206,800	589,400
Dauphin	6,900	6,700	49.0	328,300	935,600
Huntingdon	1,300	1,200	49.0	58,800	167,600
Juniata	2,900	2,700	47.0	126,900	361,700
Mifflin	1,600	1,600	47.0	75,200	214,300
Montour	2,700	2,600	45.0	117,000	333,400
Northumberland	5,400	5,200	46.0	239,200	681,700
Perry	6,000	5,800	47.0	272,600	776,900
Snyder	4,300	4,100	43.0	176,300	502,500
Union	2,600	2,600	51.0	132,600	377,900
CENTRAL, TOTAL	**44,500**	**43,000**	**47.6**	**2,047,700**	**5,835,900**
Carbon	900	900	49.0	44,100	125,700
Lehigh	9,900	9,800	53.0	519,400	1,480,300
Luzerne	1,300	1,300	43.0	55,900	159,300
Monroe	1,100	1,100	49.0	53,900	153,600
Northampton	6,700	6,600	55.0	363,000	1,034,600
Pike	-	-	-	-	-
Schuylkill	6,200	6,100	44.0	268,400	764,900
EAST CENTRAL, TOTAL	**26,100**	**25,800**	**50.6**	**1,304,700**	**3,718,400**
Allegheny	500	500	47.0	23,500	67,000
Fayette	1,100	1,100	44.0	48,400	137,900
Greene	100	100	43.0	4,300	12,200
Somerset	500	500	52.0	26,000	74,100
Washington	1,400	1,400	43.0	60,200	171,600
Westmoreland	2,700	2,500	48.0	120,000	342,000
SOUTHWESTERN, TOTAL	**6,300**	**6,100**	**46.3**	**282,400**	**804,800**
Adams	11,100	10,800	44.0	475,200	1,354,300
Bedford	1,700	1,600	50.0	80,000	228,000
Cumberland	8,600	8,400	55.0	462,000	1,316,700
Franklin	11,800	11,600	53.0	614,800	1,752,200
Fulton	2,600	2,500	51.0	127,500	363,400
York	23,200	23,100	48.0	1,108,800	3,160,100
SOUTH CENTRAL, TOTAL	**59,000**	**58,000**	**49.5**	**2,868,300**	**8,174,700**
Berks	17,600	17,400	53.0	922,200	2,628,300
Bucks	4,900	4,800	46.0	220,800	629,300
Chester	6,000	5,800	55.0	319,000	909,100
Delaware	-	-	-	-	-
Lancaster	15,800	15,300	58.0	887,400	2,529,100
Lebanon	5,300	5,200	60.0	312,000	889,200
Montgomery	3,700	3,500	49.0	171,500	488,800
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**53,300**	**52,000**	**54.5**	**2,832,900**	**8,073,800**
PENNSYLVANIA	**215,000**	**210,000**	**50.0**	**10,500,000**	**29,925,000**

PENNSYLVANIA: BARLEY - ACREAGE, YIELD, PRODUCTION AND VALUE, 1990

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	400	400	60.0	24,000	51,600
Erie	300	300	51.0	15,300	32,900
Forest	-	-	-	-	-
Mercer	400	400	50.0	20,000	43,000
Venango	100	100	51.0	5,100	11,000
Warren	-	-	-	-	-
NORTHWESTERN, TOTAL	**1,200**	**1,200**	**53.7**	**64,400**	**138,500**
Bradford	300	300	60.0	18,000	38,700
Cameron	-	-	-	-	-
Clinton	-	-	-	-	-
Elk	100	100	53.0	5,300	11,400
Lycoming	200	200	64.0	12,800	27,500
McKean	-	-	-	-	-
Potter	200	200	51.0	10,200	21,900
Sullivan	-	-	-	-	-
Tioga	200	200	57.0	11,400	24,500
NORTH CENTRAL, TOTAL	**1,000**	**1,000**	**57.7**	**57,700**	**124,000**
Lackawanna	-	-	-	-	-
Susquehanna	100	100	56.0	5,600	12,000
Wayne	-	-	-	-	-
Wyoming	-	-	-	-	-
NORTHEASTERN, TOTAL	**100**	**100**	**56.0**	**5,600**	**12,000**
Armstrong	900	800	64.0	51,200	110,100
Beaver	600	500	54.0	27,000	58,100
Butler	800	600	57.0	34,200	73,500
Clarion	100	100	53.0	5,300	11,400
Indiana	500	400	63.0	25,200	54,200
Jefferson	300	300	54.0	15,200	34,800
Lawrence	400	400	60.0	24,000	51,600
WEST CENTRAL, TOTAL	**3,600**	**3,100**	**59.1**	**183,100**	**393,700**
Blair	200	200	62.0	12,400	26,700
Cambria	200	200	68.0	13,600	29,200
Centre	400	400	54.0	21,600	46,400
Clearfield	100	100	55.0	5,500	11,800
Columbia	300	300	58.0	17,400	37,400
Dauphin	2,500	2,200	68.0	149,600	321,700
Huntingdon	300	300	72.0	21,600	46,400
Juniata	1,000	900	58.0	52,200	112,200
Mifflin	300	300	55.0	16,500	35,500
Montour	400	400	57.0	22,800	49,000
Northumberland	1,400	1,100	60.0	66,000	141,900
Perry	1,400	1,300	72.0	93,600	201,300
Snyder	700	600	68.0	40,800	87,700
Union	600	600	69.0	41,400	89,000
CENTRAL, TOTAL	**9,800**	**8,900**	**64.6**	**575,000**	**1,236,200**
Carbon	100	100	57.0	5,700	12,300
Lehigh	1,100	900	69.0	62,100	133,500
Luzerne	100	100	64.0	6,400	13,800
Monroe	-	-	-	-	-
Northampton	1,000	900	59.0	53,100	114,200
Pike	-	-	-	-	-
Schuylkill	800	700	65.0	45,500	97,800
EAST CENTRAL, TOTAL	**3,100**	**2,700**	**64.0**	**172,800**	**371,600**
Allegheny	100	100	59.0	5,900	12,700
Fayette	200	200	67.0	13,400	28,800
Greene	-	-	-	-	-
Somerset	1,200	1,000	70.0	70,000	150,500
Washington	800	800	66.0	52,800	113,500
Westmoreland	500	500	58.0	29,000	62,400
SOUTHWESTERN, TOTAL	**2,800**	**2,600**	**65.8**	**171,100**	**367,900**
Adams	2,500	2,200	63.0	138,600	298,000
Bedford	800	800	65.0	52,000	111,800
Cumberland	3,400	3,200	72.0	230,400	495,400
Franklin	7,300	6,700	73.0	489,100	1,051,600
Fulton	800	700	69.0	48,300	103,800
York	7,700	7,200	75.0	540,000	1,160,900
SOUTH CENTRAL, TOTAL	**22,500**	**20,800**	**72.0**	**1,498,400**	**3,221,500**
Berks	5,200	4,900	66.0	323,400	695,300
Bucks	700	700	66.0	46,200	99,300
Chester	2,400	2,300	73.0	167,900	361,000
Delaware	100	100	71.0	7,100	15,300
Lancaster	8,400	7,900	76.0	600,400	1,290,800
Lebanon	3,200	2,900	73.0	211,700	455,200
Montgomery	900	800	69.0	55,200	118,700
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**20,900**	**19,600**	**72.0**	**1,411,900**	**3,035,600**
PENNSYLVANIA	65,000	60,000	69.0	4,140,000	8,901,000

PENNSYLVANIA: OATS - ACREAGE, YIELD, PRODUCTION AND VALUE, 1990

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	10,700	9,500	59.0	560,500	756,700
Erie	9,000	8,000	66.0	528,000	712,800
Forest	200	200	60.0	12,000	16,200
Mercer	9,400	8,800	69.0	607,200	819,700
Venango	3,000	2,800	63.0	176,400	238,100
Warren	1,600	1,200	59.0	70,800	95,600
NORTHWESTERN, TOTAL	**33,900**	**30,500**	**64.1**	**1,954,900**	**2,639,100**
Bradford	7,200	5,300	66.0	349,800	472,200
Cameron	100	100	60.0	6,000	8,100
Clinton	1,500	1,300	64.0	83,200	112,300
Elk	900	900	57.0	51,300	69,200
Lycoming	5,700	5,200	63.0	327,600	442,300
McKean	500	300	59.0	17,700	23,900
Potter	2,500	2,100	65.0	136,500	184,300
Sullivan	600	300	58.0	17,400	23,500
Tioga	4,800	3,800	57.0	216,600	292,400
NORTH CENTRAL, TOTAL	**23,800**	**19,300**	**62.5**	**1,206,100**	**1,628,200**
Lackawanna	300	200	61.0	12,200	16,500
Susquehanna	1,500	1,000	60.0	60,000	81,000
Wayne	200	100	62.0	6,200	8,400
Wyoming	1,000	700	59.0	41,300	55,700
NORTHEASTERN, TOTAL	**3,000**	**2,000**	**59.9**	**119,700**	**161,600**
Armstrong	6,000	5,800	65.0	377,000	509,000
Beaver	2,500	1,900	64.0	121,600	164,200
Butler	8,200	7,500	59.0	442,500	597,400
Clarion	4,800	4,400	63.0	277,200	374,200
Indiana	10,900	9,700	59.0	572,300	772,600
Jefferson	4,500	4,000	59.0	236,000	318,600
Lawrence	5,000	4,600	63.0	289,800	391,200
WEST CENTRAL, TOTAL	**41,900**	**37,900**	**61.1**	**2,316,400**	**3,127,200**
Blair	1,800	1,400	62.0	86,800	117,200
Cambria	9,000	8,600	68.0	584,800	789,500
Centre	7,200	6,800	72.0	489,600	661,000
Clearfield	2,700	2,400	61.0	146,400	197,600
Columbia	6,000	5,700	69.0	393,300	531,000
Dauphin	3,800	3,400	65.0	221,000	298,300
Huntingdon	4,700	4,300	75.0	322,500	435,400
Juniata	3,900	3,500	68.0	238,000	321,300
Mifflin	2,100	1,800	67.0	120,600	162,800
Montour	2,400	2,200	63.0	138,600	187,100
Northumberland	6,000	5,300	70.0	371,000	500,800
Perry	5,200	4,800	75.0	360,000	486,000
Snyder	5,200	4,800	64.0	307,200	414,700
Union	4,000	3,700	70.0	259,000	349,700
CENTRAL, TOTAL	**64,000**	**58,700**	**68.8**	**4,038,800**	**5,452,400**
Carbon	1,700	1,600	58.0	92,800	125,300
Lehigh	5,800	5,600	69.0	386,400	521,600
Luzerne	3,200	3,100	57.0	176,700	238,500
Monroe	1,900	1,800	59.0	106,200	143,400
Northampton	4,000	3,700	68.0	251,600	339,700
Pike	100	100	59.0	5,900	8,000
Schuylkill	7,800	7,300	60.0	438,000	591,300
EAST CENTRAL, TOTAL	**24,500**	**23,200**	**62.8**	**1,457,600**	**1,967,800**
Allegheny	1,000	800	69.0	55,200	74,500
Fayette	2,800	2,100	61.0	128,100	172,900
Greene	400	300	60.0	18,000	24,300
Somerset	13,600	12,200	72.0	878,400	1,185,900
Washington	3,800	3,300	67.0	221,100	298,500
Westmoreland	7,700	7,100	64.0	454,400	613,400
SOUTHWESTERN, TOTAL	**29,300**	**25,800**	**68.0**	**1,755,200**	**2,369,500**
Adams	2,800	2,200	66.0	145,200	196,000
Bedford	6,100	5,100	74.0	377,400	509,500
Cumberland	5,900	5,400	76.0	410,400	554,000
Franklin	5,300	4,500	76.0	342,000	461,700
Fulton	3,300	2,900	72.0	208,800	281,900
York	7,100	6,500	68.0	442,000	596,700
SOUTH CENTRAL, TOTAL	**30,500**	**26,600**	**72.4**	**1,925,800**	**2,599,800**
Berks	8,700	7,600	70.0	532,000	718,200
Bucks	2,100	1,800	64.0	115,200	155,500
Chester	1,400	1,000	66.0	66,000	89,100
Delaware	100	100	63.0	6,300	8,500
Lancaster	2,300	2,100	64.0	134,400	181,400
Lebanon	2,500	2,100	63.0	132,300	178,600
Montgomery	1,500	1,300	61.0	79,300	107,100
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**19,100**	**16,000**	**66.6**	**1,065,500**	**1,438,400**
PENNSYLVANIA	**270,000**	**240,000**	**66.0**	**15,840,000**	**21,384,000**

PENNSYLVANIA: SOYBEANS - ACREAGE, YIELD, PRODUCTION AND VALUE, 1990

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	4,200	4,000	37.0	148,000	828,800
Erie	2,700	2,600	36.0	93,600	524,200
Forest	-	-	-	-	-
Mercer	5,900	5,700	37.0	210,900	1,181,000
Venango	700	700	31.0	21,700	121,500
Warren	-	-	-	-	-
NORTHWESTERN, TOTAL	**13,500**	**13,000**	**36.5**	**474,200**	**2,655,500**
Bradford	200	200	32.0	6,400	35,800
Cameron	-	-	-	-	-
Clinton	1,800	1,700	32.0	54,400	304,700
Elk	-	-	-	-	-
Lycoming	4,900	4,900	36.0	176,400	987,900
McKean	-	-	-	-	-
Potter	-	-	-	-	-
Sullivan	-	-	-	-	-
Tioga	900	800	34.0	27,200	152,300
NORTH CENTRAL, TOTAL	**7,800**	**7,600**	**34.8**	**264,400**	**1,480,700**
Lackawanna	-	-	-	-	-
Susquehanna	-	-	-	-	-
Wayne	-	-	-	-	-
Wyoming	-	-	-	-	-
NORTHEASTERN, TOTAL	**-**	**-**	**-**	**-**	**-**
Armstrong	400	400	31.0	12,400	69,400
Beaver	200	200	32.0	6,400	35,800
Butler	1,500	1,400	36.0	50,400	282,200
Clarion	600	600	29.0	17,400	97,400
Indiana	2,100	1,900	31.0	58,900	329,900
Jefferson	100	100	28.0	2,800	15,700
Lawrence	1,800	1,700	33.0	56,100	314,200
WEST CENTRAL, TOTAL	**6,700**	**6,300**	**32.4**	**204,400**	**1,144,600**
Blair	600	600	40.0	24,000	134,400
Cambria	100	100	40.0	4,000	22,400
Centre	3,100	3,000	43.0	129,000	722,400
Clearfield	100	100	33.0	3,300	18,500
Columbia	8,800	8,700	37.0	321,900	1,802,600
Dauphin	6,600	6,500	44.0	286,000	1,601,600
Huntingdon	1,000	900	38.0	34,200	191,500
Juniata	3,000	2,900	38.0	110,200	617,100
Mifflin	700	700	37.0	25,900	145,000
Montour	6,100	6,100	38.0	231,800	1,298,100
Northumberland	13,200	13,100	38.0	497,800	2,787,800
Perry	4,300	4,200	38.0	159,600	893,800
Snyder	5,100	5,000	39.0	195,000	1,092,000
Union	6,300	6,200	41.0	254,200	1,423,500
CENTRAL, TOTAL	**59,000**	**58,100**	**39.2**	**2,276,900**	**12,750,700**
Carbon	800	800	32.0	25,600	143,400
Lehigh	10,000	9,900	41.0	405,900	2,273,000
Luzerne	1,000	900	33.0	29,700	166,300
Monroe	1,600	1,500	37.0	55,500	310,800
Northampton	8,800	8,700	45.0	391,500	2,192,400
Pike	-	-	-	-	-
Schuylkill	2,800	2,700	39.0	105,300	589,700
EAST CENTRAL, TOTAL	**25,000**	**24,500**	**41.4**	**1,013,500**	**5,675,600**
Allegheny	300	300	32.0	9,600	53,800
Fayette	600	600	37.0	22,200	124,300
Greene	-	-	-	-	-
Somerset	1,500	1,300	33.0	42,900	240,200
Washington	1/	1/	1/	1/	1/
Westmoreland	2,100	2,000	39.0	78,000	436,800
SOUTHWESTERN, TOTAL	**4,500**	**4,200**	**36.4**	**152,700**	**855,100**
Adams	13,400	13,200	40.0	528,000	2,956,800
Bedford	1,000	900	33.0	29,700	166,300
Cumberland	4,400	4,200	41.0	172,200	964,300
Franklin	4,200	4,100	47.0	192,700	1,079,100
Fulton	500	500	34.0	17,000	95,200
York	32,000	31,600	41.0	1,295,600	7,255,400
SOUTH CENTRAL, TOTAL	**55,500**	**54,500**	**41.0**	**2,235,200**	**12,517,100**
Berks	15,500	15,400	43.0	662,200	3,708,300
Bucks	22,300	21,900	38.0	832,200	4,660,300
Chester	19,500	19,300	45.0	868,500	4,863,600
Delaware	400	400	39.0	15,600	87,400
Lancaster	24,800	24,600	48.0	1,180,800	6,612,500
Lebanon	14,500	14,400	46.0	662,400	3,709,400
Montgomery	11,000	10,800	40.0	432,000	2,419,200
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**108,000**	**106,800**	**43.6**	**4,653,700**	**26,050,700**
PENNSYLVANIA	**280,000**	**275,000**	**41.0**	**11,275,000**	**63,140,000**

1/ Included in other counties in same district to avoid disclosure of individual operations.

POTATO SUMMARY - 1990

By STEVEN P. GUNN

POTATO ACREAGE: Pennsylvania growers planted 23,000 acres in 1990, up from the 21,000 acres planted in 1989. Harvested acreage was estimated at 22,500 acres, up 2,000 from last year. Average yield per acre increased 10 cwt. per acre from last year to 240 cwt. Total production was 5,400,000 cwt., 15 percent more than the previous year. Acres entered for certified seed potatoes were 226 compared with 243 in 1989. The preliminary marketing year average price for the 1990 crop is estimated at $7.30 per cwt., $1.25 below the average price in 1989.

MAJOR VARIETIES: The four major varieties planted in 1990, as measured by the Objective Yield Survey were: Atlantic (22.6 percent), Katahdin (21.2 percent), Superior (14.2 percent), and Norwis (12.4 percent). These four varieties accounted for 70.4 percent of the potatoes planted in 1990.

POTATO STOCKS: Potato stocks for all purposes held in storage during the 1990-91 storage season were lower for the months of December, January and April, even for May, and higher for February and March, from the previous year. Stocks held by processors included potatoes produced in other states. Processor stocks as a percent of total held in storage were: December, 39 percent; January, 43 percent; February, 49 percent; March, 54 percent; April, 49 percent; and May, 18 percent.

PENNSYLVANIA: POTATOES - ACREAGE, YIELD, PRODUCTION, AND VALUE - 1965-1990

Year	Planted	Harvested	Yield	Production	Season Average Price 1/	Value of Production	Value of Sales
	Acres		Cwt.		Dollars		
1965.....	38,000	38,000	198	7,524,000	2.87	21,594,000	19,447,000
1970.....	35,000	34,500	240	8,280,000	2.65	21,942,000	19,528,000
1975.....	31,000	29,000	235	6,815,000	5.75	39,186,000	35,104,000
1980.....	23,000	22,000	190	4,180,000	7.90	33,022,000	29,807,000
1986.....	22,000	21,500	240	5,160,000	6.80	35,088,000	32,640,000
1987.....	22,000	21,500	220	4,730,000	6.10	28,853,000	25,986,000
1988.....	21,500	20,500	180	3,690,000	7.60	28,044,000	24,396,000
1989.....	21,000	20,500	230	4,715,000	8.55	40,313,000	38,295,000
1990.....	23,000	22,500	240	5,400,000	7.30 2/	39,420,000 2/	

1/ Marketing Year Average price beginning in 1986. 2/ Preliminary.

PENNSYLVANIA: POTATO PRODUCTION AND FARM DISPOSITION, CROPS OF 1965-1989 1/

Year	Production	Total Used For Seed	Used On Farms Where Grown		Sold
			For Seed, Feed and Household Use	Shrinkage and Loss	
			(000) Cwt.		
1965.....	7,524	663	282	466	6,776
1970.....	8,280	621	249	662	7,369
1975.....	6,815	522	204	506	6,105
1980.....	4,180	396	135	272	3,773
1986.....	5,160	418	102	258	4,800
1987.....	4,730	419	140	330	4,260
1988.....	3,690	399	90	390	3,210
1989.....	4,715	437	71	165	4,479

1/ 1990 Disposition data is not available until late September, 1991.

PENNSYLVANIA: POTATO PRODUCTION AND STOCKS DURING MARKETING MONTHS, CROPS OF 1965-1990

Year	Production	December 1	Following Year				
			January 1	February 1	March 1	April 1	May 1
			(000) Cwt.				
1965.....	7,524	4,500	3,400	2,350	1,500	-	-
1970.....	8,280	4,650	3,900	2,750	1,800	-	-
1975.....	6,815	3,660	2,780	1,870	1,300	650	-
1980.....	4,180	3,300	2,600	1,900	1,250	900	200
1986.....	5,160	3,400	2,800	2,100	1,400	1,000	400
1987.....	4,730	3,070	2,400	1,800	1,340	830	380
1988.....	3,690	2,700	2,150	1,500	950	600	200
1989.....	4,715	2,700	2,100	1,400	1,050	800	250
1990.....	5,400	2,550	2,050	1,600	1,080	610	250

PENNSYLVANIA: POTATOES - ACREAGE, YIELD, PRODUCTION AND VALUE, 1990

County	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Cwt.	Cwt.	Dollars
Adams	180	170	220.0	37,400	273,000
Berks	120	120	240.0	28,800	210,200
Bucks	60	60	260.0	15,600	113,900
Butler	460	450	210.0	94,500	689,900
Cambria	3,400	3,330	220.0	732,600	5,348,000
Carbon	190	190	260.0	49,400	360,600
Centre	60	60	220.0	13,200	96,400
Chester	360	340	280.0	95,200	695,000
Clarion	220	220	250.0	55,000	401,500
Clinton	60	60	280.0	16,800	122,600
Columbia	350	340	220.0	74,800	546,000
Crawford	350	340	220.0	74,800	546,000
Erie	3,900	3,840	240.0	921,600	6,727,700
Franklin	170	160	210.0	33,600	245,300
Indiana	200	190	200.0	38,000	277,400
Lancaster	1,850	1,770	270.0	477,900	3,488,700
Lehigh	1,540	1,500	230.0	345,000	2,518,500
Luzerne	640	630	220.0	138,600	1,011,800
Lycoming	250	240	220.0	52,800	385,400
Mercer	260	250	280.0	70,000	511,000
Northampton	250	240	270.0	64,800	473,000
Northumberland	100	100	278.0	27,800	202,900
Potter	1,510	1,500	240.0	360,000	2,628,000
Schuylkill	1,860	1,820	250.0	455,000	3,321,500
Somerset	980	960	260.0	249,600	1,822,100
Sullivan	100	100	230.0	23,000	167,900
Warren	300	280	230.0	64,400	470,100
York	2,220	2,180	250.0	545,000	3,978,500
Other Counties	1,060	1,060	230.9	244,800	1,787,000
PENNSYLVANIA	23,000	22,500	240.0	5,400,000	39,420,000

PENNSYLVANIA: ALL TOBACCO - ACREAGE, YIELD, PRODUCTION AND VALUE, 1990

County	Harvested	Yield	Production	Value of Production
	Acres	Pounds	Pounds	Dollars
Berks	110	1,971	216,800	314,200
Centre	10	2,010	20,100	27,900
Chester	240	2,003	480,800	694,500
Cumberland	20	2,000	40,000	55,600
Dauphin	20	2,020	40,400	56,200
Franklin	20	1,910	38,200	59,600
Lancaster	9,160	1,974	18,086,000	27,379,900
Lebanon	240	2,084	500,100	714,400
Lycoming	10	2,040	20,400	28,400
Montour	30	1,957	58,700	88,100
Northumberland	20	2,030	40,600	56,400
Snyder	50	1,968	98,400	149,800
Union	10	1,830	18,300	31,800
York	60	2,020	121,200	168,500
PENNSYLVANIA	**10,000**	**1,978**	**19,780,000**	**29,825,300**

PENNSYLVANIA: TOBACCO ACREAGE, YIELD, PRODUCTION AND VALUE, 1965-1990

Crop Year	Harvested	Yield	Production	Value of Production
	Acres	Pounds	(000) Pounds	(000) Dollars
1965	27,000	1,900	51,300	12,312
1970	17,000	1,800	30,600	9,486
1975	12,000	1,650	19,800	11,484
1979	11,200	1,580	17,696	12,741
1980	13,000	1,900	24,700	21,489
1981	13,300	2,050	27,265	21,812
1982 1/	13,000	1,991	25,885	20,466
1983	12,000	1,832	21,985	20,724
1984	12,000	1,864	22,370	20,984
1985	11,500	1,904	21,900	18,321
1986	10,000	1,983	19,830	13,353
1987	10,000	1,880	18,800	14,572
1988	9,500	1,913	18,175	20,780
1989	9,500	1,887	17,925	24,709
1990	10,000	1,978	19,780	29,825
Pennsylvania Type	6,400	2,050	13,120	18,237
Maryland Type	3,600	1,850	6,660	11,588

1/ Beginning in 1982 includes Pennsylvania and Maryland Types.

PENNSYLVANIA: TOBACCO PRODUCTION, STOCKS, SUPPLIES, DISAPPEARANCE AND PRICES 1965-1990 1/

Crop Year	Supply			Total Disappearance	Average Price
	Production	Beginning Stocks	Total Supply		
	Million Pounds				
1965	51.3	129.4	180.7	53.0	24.0
1970	30.6	97.3	127.9	40.9	31.0
1975	19.8	49.2	69.0	22.2	58.0
1979	17.7	55.7	73.4	24.3	72.0
1980	24.7	49.1	73.8	21.7	87.0
1981	27.3	52.1	79.4	27.1	80.0
1982	21.4	52.3	73.7	19.5	73.0
1983	14.2	54.1	68.3	20.3	83.0
1984	14.6	48.0	62.6	20.1	90.0
1985	15.6	42.5	58.1	16.4	71.0
1986	15.2	41.7	56.9	24.8	66.0
1987	13.3	32.1	45.4	20.3	72.0
1988	11.7	25.1	36.8	12.4	102.0
1989	10.7	24.3	35.0	12.1	127.0
1990	13.1	22.9	36.0	-	139.0

1/ Pennsylvania type 41 only. Source: USDA, Agricultural Marketing Service and Economic Research Service.

PENNSYLVANIA: SUMMARY - PRINCIPAL CROPS, HARVESTED BY COUNTIES, 1990 1/

County & District	Field & Forge Crops		All Vegetable Crops		Fruit	Value of Production Principle Crops
	Acres Harvested	Value of Production	Acres Harvested	Value of Production	Value of Production	
		(000) Dols.			(000) Dols.	
Crawford	110,800	25,045	706	1,026	75	26,146
Erie	71,500	15,637	5,392	10,058	15,357	41,052
Forest	1,800	452	2	18	-	470
Mercer	81,000	19,614	716	1,355	112	21,081
Venango	23,700	5,295	108	225	69	5,589
Warren	25,300	6,650	390	596	-	7,246
NORTHWESTERN, TOTAL	**314,100**	**72,694**	**7,316**	**13,278**	**15,613**	**101,585**
Bradford	158,400	43,045	306	307	201	43,553
Cameron	1,000	249	4	18	-	267
Clinton	24,600	6,361	489	1,272	7	7,640
Elk	6,900	1,659	33	39	23	1,722
Lycoming	69,710	16,814	600	909	545	18,268
McKean	10,900	3,002	31	30	10	3,042
Potter	31,700	7,116	1,686	2,819	-	9,935
Sullivan	14,800	3,161	102	185	-	3,346
Tioga	94,600	19,769	97	114	263	20,146
NORTH CENTRAL, TOTAL	**412,610**	**101,175**	**3,348**	**5,693**	**1,050**	**107,918**
Lackawanna	16,500	3,267	1,556	4,509	14	7,790
Susquehanna	66,000	16,336	124	192	53	16,582
Wayne	46,100	9,669	66	73	240	9,982
Wyoming	27,300	6,943	225	522	1	7,466
NORTHEASTERN, TOTAL	**155,900**	**36,214**	**1,971**	**5,296**	**308**	**41,818**
Armstrong	55,200	12,334	235	303	234	12,871
Beaver	28,400	6,556	368	534	409	7,499
Butler	69,800	16,720	1,428	2,203	16	18,939
Clarion	43,900	9,752	343	528	115	10,395
Indiana	80,900	17,731	849	2,099	105	19,935
Jefferson	37,500	8,193	192	245	10	8,448
Lawrence	50,500	12,458	273	295	214	12,967
WEST CENTRAL, TOTAL	**366,200**	**83,744**	**3,688**	**6,208**	**1,103**	**91,054**
Blair	51,700	13,975	373	551	1,523	16,050
Cambria	36,500	8,177	3,433	5,459	62	13,698
Centre	80,110	20,957	2,226	1,543	477	22,977
Clearfield	26,700	6,083	103	151	72	6,306
Columbia	60,100	13,444	2,504	3,158	906	17,508
Dauphin	62,520	15,226	475	1,228	893	17,347
Huntingdon	61,300	16,564	100	218	77	16,859
Juniata	48,600	13,111	129	180	1,330	14,621
Mifflin	48,000	13,581	78	137	237	13,955
Montour	27,830	6,423	478	775	69	7,268
Northumberland	73,220	17,134	2,207	2,919	505	20,557
Perry	63,100	15,572	124	164	162	15,898
Snyder	53,450	13,078	767	1,502	1,704	16,283
Union	47,710	12,892	283	594	74	13,560
CENTRAL, TOTAL	**740,840**	**186,215**	**13,281**	**18,579**	**8,091**	**212,885**
Carbon	10,400	1,958	347	488	17	2,462
Lehigh	65,500	16,069	2,111	3,401	5,783	25,253
Luzerne	26,200	5,523	2,545	6,008	344	11,875
Monroe	13,500	2,778	240	342	7	3,127
Northampton	63,500	17,069	765	1,269	1,309	19,648
Pike	1,500	316	106	146	-	462
Schuylkill	53,500	11,862	3,028	6,036	1,033	18,931
EAST CENTRAL, TOTAL	**234,100**	**55,574**	**9,142**	**17,690**	**8,493**	**81,757**
Allegheny	11,600	2,733	596	1,016	2,179	5,928
Fayette	44,800	10,981	369	314	19	11,314
Greene	35,700	7,766	90	112	9	7,887
Somerset	98,800	22,587	1,282	2,254	105	24,946
Washington	80,600	19,866	762	1,290	965	22,121
Westmoreland	82,100	19,614	719	883	142	20,640
SOUTHWESTERN, TOTAL	**353,600**	**83,547**	**3,819**	**5,869**	**3,419**	**92,835**
Adams	96,900	21,092	618	774	40,096	61,962
Bedford	95,400	24,396	174	230	1,897	26,522
Cumberland	109,620	27,445	621	917	1,710	30,073
Franklin	163,420	43,869	485	726	11,660	56,255
Fulton	39,400	8,684	23	37	2	8,722
York	182,360	42,644	5,996	7,389	3,512	53,545
SOUTH CENTRAL, TOTAL	**687,100**	**168,130**	**7,917**	**10,072**	**58,877**	**237,079**
Berks	180,610	49,830	1,040	1,159	2,683	53,672
Bucks	61,000	13,427	2,381	5,892	781	20,100
Chester	123,240	38,545	792	1,340	747	40,632
Delaware	3,000	767	95	149	132	1,048
Lancaster	292,060	124,417	4,917	9,747	1,743	135,907
Lebanon	88,540	25,578	577	1,047	284	26,909
Montgomery	42,100	9,616	615	619	162	10,397
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**790,550**	**262,180**	**10,418**	**19,953**	**6,533**	**288,666**
PENNSYLVANIA	**4,055,000**	**1,049,474**	**60,900**	**102,638**	**103,487**	**1,255,599**

1/ Totals may not add due to rounding.

CROP AND WEATHER SUMMARY - DATES OF FIRST AND LAST FROST, SELECTED PENNSYLVANIA STATIONS, 1990 AND NORMAL

Area & Station	County	Last Spring Minimum Of 32° F.			First Fall Minimum Of 32° F.		
		1990		Normal	1990		Normal
		Date	Low Temp.	Date	Date	Low Temp.	Date
Pocono Mountains:							
Stroudsburg.....	Monroe	May 12	30	May 09	October 20	30	September 29
East Central Mountains:							
Allentown.....	Lehigh	April 19	30	May 05	October 27	31	October 09
South East Piedmont:							
Lancaster.....	Lancaster	April 29	29	May 03	October 27	32	October 10
Lower Susquehanna:							
York.....	York	April 20	30	April 30	October 20	30	October 09
Middle Susquehanna:							
Williamsport.....	Lycoming	May 12	32	May 02	October 20	32	October 11
Upper Susquehanna:							
Montrose.....	Susquehanna	May 12	30	May 15	September 18	32	October 03
Wellsboro.....	Tioga	May 13	31	May 22	September 18	30	September 25
Central Mountains:							
Ridgway.....	Elk	May 31	32	May 26	September 18	32	September 24
State College.....	Centre	April 19	29	April 27	October 20	30	October 12
South Central Mountains:							
Altoona.....	Blair	April 19	28	May 08	October 20	30	October 08
Ebensburg.....	Cambria	June 05	32	May 15	September 18	29	October 03
South West Plateau:							
Butler.....	Butler	May 12	32	May 18	October 20	29	October 02
Donora.....	Washington	April 19	27	April 21	October 20	30	October 28
Uniontown.....	Fayette	April 20	30	April 29	October 21	30	October 15
North West Plateau:							
Brookville.....	Jefferson	April 20	24	May 25	October 28	28	September 23
Corry.....	Erie	May 12	28	May 24	September 18	31	September 25
Franklin.....	Venango	April 19	27	May 13	October 20	32	October 06

PENNSYLVANIA - FIELDWORK AND CROP DEVELOPMENT, SELECTED DATES 1987-1990
Data As Reported - Pennsylvania Weekly Crop and Weather Survey State Average

Date	Oats % Planted				Barley % In Boot				Winter Wheat % In Boot			
	1987	1988	1989	1990	1987	1988	1989	1990	1987	1988	1989	1990
April 20.....	49	57	36	36	-	4	1	1	-	2	-	1
25.....	64	68	49	50	5	5	3	5	3	3	1	4
30.....	73	76	65	69	20	8	6	10	8	4	2	7
May 05.....	80	82	74	81	28	12	15	18	14	5	9	12
10.....	87	88	79	88	26	20	22	22	21	12	16	22
15.....	93	93	82	92	20	31	26	25	31	25	24	32
20.....	96	96	85	93	16	27	27	24	35	46	34	40
25.....	97	-	90	94	12	22	19	20	32	46	39	40
30.....	99	-	94	96	12	15	11	18	28	36	36	34

Date	Spring Plowing % Complete				Potatoes % Planted				Corn % Planted			
	1987	1988	1989	1990	1987	1988	1989	1990	1987	1988	1989	1990
April 20.....	38	51	31	42	27	34	11	20	4	6	2	1
25.....	56	62	43	52	41	44	17	26	8	8	4	3
30.....	64	70	59	65	53	56	28	34	13	13	7	7
May 05.....	72	76	65	73	61	60	41	42	21	20	13	19
10.....	80	80	70	80	67	67	49	53	34	30	16	34
15.....	87	85	73	85	77	76	54	63	51	42	17	46
20.....	90	88	76	87	81	80	56	69	66	52	19	54
25.....	91	91	81	88	83	82	61	73	76	58	29	61
30.....	93	93	86	91	87	84	68	78	81	66	42	67
June 05.....	96	97	91	95	92	94	82	86	90	85	57	77

Date		Oats % In Head				Barley % Turning Yellow				Corn Average Height - Inches			
		1987	1988	1989	1990	1987	1988	1989	1990	1987	1988	1989	1990
June	10.....	90	-	87	90	37	34	25	25	8	6	3	4
	15.....	95	96	96	94	43	40	45	43	11	8	5	6
	20.....	88	94	99	96	33	35	53	50	14	9	7	9
	25.....	82	91	100	97	24	36	44	46	20	11	9	12
	30.....	74	80	96	95	17	26	36	33	26	15	12	16
July	05.....	57	58	87	83	15	18	27	26	33	18	16	22
	10.....	44	45	74	67	13	15	18	21	43	21	22	28
	15.....	33	33	62	48	10	15	16	17	53	22	28	34
	20.....	24	24	42	35	8	14	11	13	60	25	36	42
	25.....	11	17	26	25	6	11	6	9	68	34	44	49
	30.....	4	6	17	16	3	5	3	4	73	45	53	56

Date		Oats % Harvested				Tobacco % Harvested				Corn % In Silk Or Past			
		1987	1988	1989	1990	1987	1988	1989	1990	1987	1988	1989	1990
July	25.....	28	18	3	9	-	-	-	-	57	14	10	15
	30.....	41	31	12	22	-	-	-	-	71	35	20	30
Aug.	05.....	61	55	37	47	-	-	-	-	83	54	35	51
	10.....	82	72	52	60	4	4	1	-	90	70	47	65
	15.....	87	82	65	73	12	12	4	4	94	81	59	75
	20.....	92	92	75	86	23	18	10	11	98	88	75	83
	25.....	96	93	85	90	36	26	22	14	-	92	83	91
	30.....	98	96	92	94	50	33	34	29	-	96	88	95
Sep.	05.....	-	98	96	97	64	36	53	49	-	98	92	96
	10.....	-	-	99	98	72	49	67	63	-	99	97	97
	15.....	-	-	-	99	78	64	76	78	-	-	99	98
	20.....	-	-	-	-	85	80	84	86	-	-	-	99
	25.....	-	-	-	-	95	88	92	92	-	-	-	-

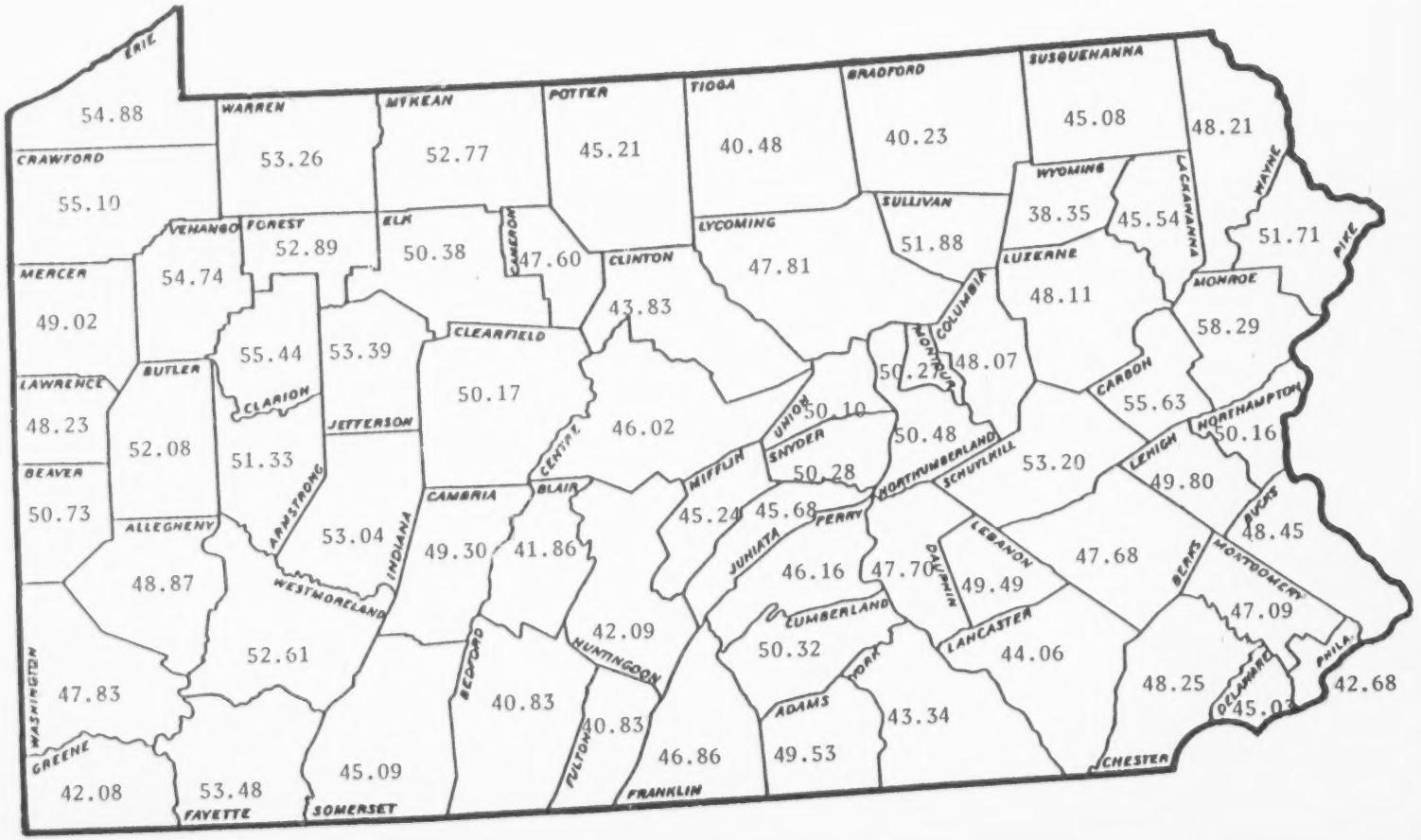
Date		Fall Plowing % Complete				Potatoes % Harvested				Corn % In Dough Or Past			
		1987	1988	1989	1990	1987	1988	1989	1990	1987	1988	1989	1990
Aug.	10.....	11	10	6	6	14	8	16	10	41	10	6	12
	15.....	14	14	9	11	20	14	22	15	60	16	13	22
	20.....	21	16	13	14	25	23	23	20	70	35	24	32
	25.....	29	20	19	15	29	26	27	23	79	58	30	42
	30.....	33	24	23	21	33	27	30	25	87	62	39	53
Sep.	05.....	37	32	29	28	39	30	38	31	94	72	53	66
	10.....	40	39	38	33	45	36	50	36	98	80	68	77
	15.....	44	42	39	41	48	40	51	37	-	88	74	82
	20.....	48	46	44	45	50	44	54	43	-	92	81	89
	25.....	54	50	51	49	60	46	59	51	-	96	88	94
	30.....	61	58	58	56	66	52	71	59	-	97	93	96
Oct.	05.....	68	66	63	59	71	58	75	69	-	98	97	98
	10.....	74	72	67	66	76	72	77	74	-	-	-	99
	15.....	82	78	71	74	78	82	83	76	-	-	-	-

Date		Winter Wheat % Planted				Barley % Planted				Corn % Harvested			
		1987	1988	1989	1990	1987	1988	1989	1990	1987	1988	1989	1990
Sep.	10.....	24	8	22	5	27	10	20	8	1	-	-	-
	15.....	26	11	23	10	32	18	21	15	2	-	-	-
	20.....	28	16	25	15	42	26	26	24	4	-	-	-
	25.....	30	27	27	21	44	33	33	35	5	1	-	1
	30.....	34	32	32	29	54	44	42	50	8	4	2	2
Oct.	05.....	41	44	39	45	70	60	57	68	11	5	3	3
	10.....	56	58	58	57	84	77	71	78	19	9	6	5
	15.....	64	70	72	64	88	86	85	83	25	15	11	7
	20.....	73	80	81	72	91	93	91	89	31	20	19	9
	25.....	85	88	85	77	94	96	95	92	39	25	24	14
	30.....	89	92	87	83	96	97	97	94	50	29	28	21
Nov.	05.....	92	94	95	91	-	99	-	97	61	45	40	33
	10.....	95	95	99	97	-	-	-	-	70	51	46	49

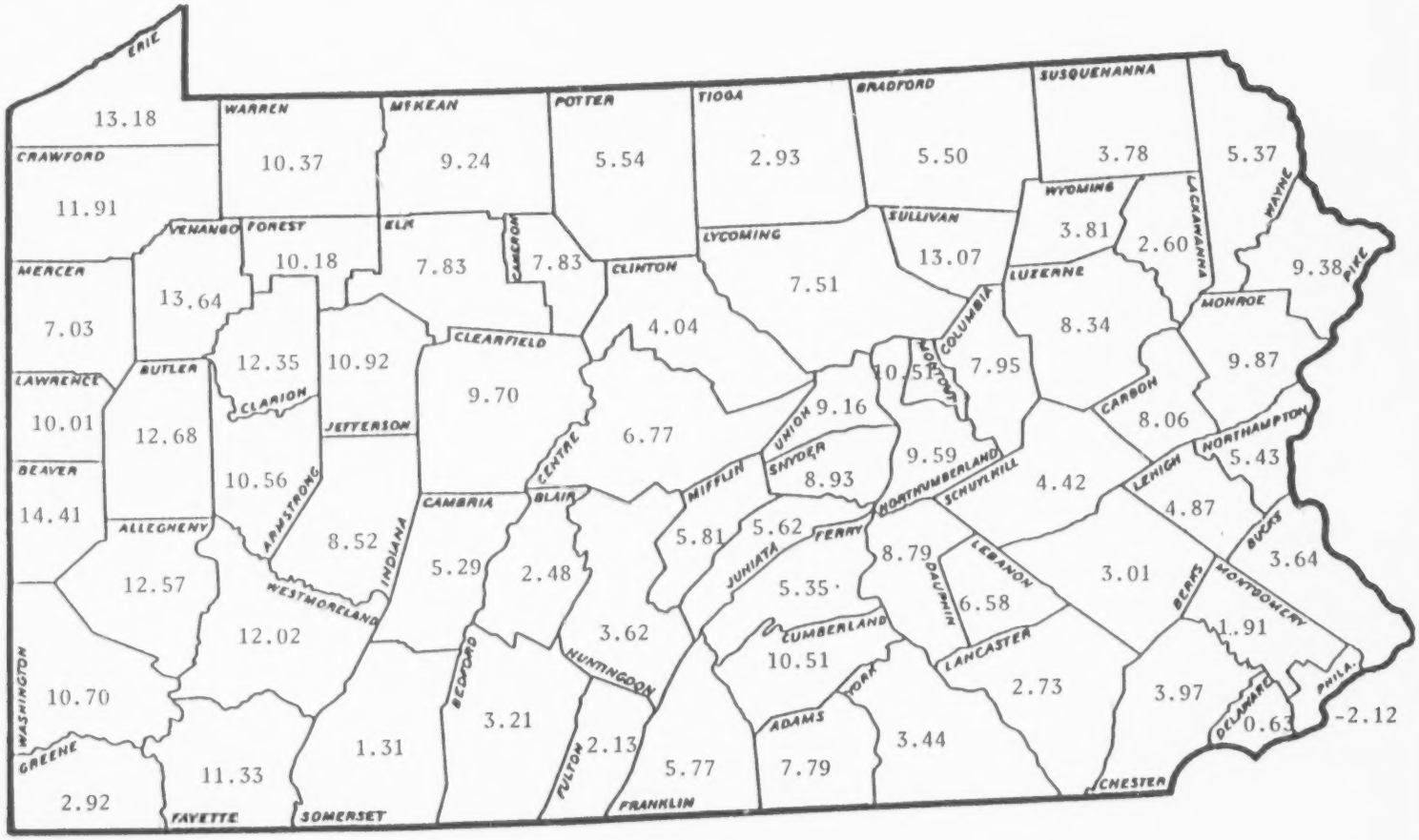
PENNSYLVANIA: TEMPERATURE, PRECIPITATION AND SNOWFALL, 1990, BY NATIONAL WEATHER SERVICE

Division	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
POCONO MOUNTAINS:												
Av. Temp.--Degrees.....	31.40	30.10	37.50	46.50	53.80	65.00	69.40	67.40	58.70	53.00	40.60	33.00
Departure From Normal.....	8.10	5.30	3.70	0.40	-2.50	0.10	0.10	-0.40	-1.90	3.10	1.50	5.20
Precip. - Inches.....	4.05	2.69	2.17	2.55	7.47	3.16	4.55	6.88	2.73	4.94	3.73	6.35
Departure From Normal.....	0.98	-0.03	-1.32	-1.25	3.70	-0.69	0.65	2.68	-1.27	1.40	-0.05	2.90
Snowfall - Inches.....	12.20	5.70	6.40	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.80	10.40
EAST CENTRAL MOUNTAINS:												
Av. Temp.--Degrees.....	36.20	36.50	42.40	50.90	57.90	68.90	75.10	70.80	62.40	56.60	44.80	36.30
Departure From Normal.....	9.90	8.50	5.30	2.10	-0.80	1.30	2.90	0.30	-0.90	4.50	3.40	5.70
Precip. - Inches.....	4.91	2.58	1.88	2.85	7.72	2.21	3.42	7.01	2.55	4.68	3.27	6.70
Departure From Normal.....	1.63	-0.26	-1.92	-1.03	3.86	-1.52	-0.94	2.59	-1.62	1.25	-0.61	3.06
Snowfall - Inches.....	8.80	2.00	0.90	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.80
SOUTHEAST PIEDMONT:												
Av. Temp.--Degrees.....	37.80	38.10	44.10	51.80	59.30	70.30	74.80	72.30	64.00	58.00	46.20	38.00
Departure From Normal.....	7.90	6.30	3.50	0.00	-2.20	-0.10	-0.10	-1.20	-2.60	2.80	1.70	4.00
Precip. - Inches.....	4.91	1.98	2.06	3.29	6.82	2.89	3.68	6.23	2.05	3.59	2.40	5.47
Departure From Normal.....	1.66	-0.80	-1.71	-0.44	3.21	0.96	-0.48	2.12	-1.74	0.51	-1.14	1.93
Snowfall - Inches.....	5.30	0.90	1.50	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.70
LOWER SUSQUEHANNA:												
Av. Temp.--Degrees.....	38.30	38.30	44.50	52.30	59.20	70.60	73.90	71.60	63.90	57.30	46.30	37.10
Departure From Normal.....	9.20	7.30	4.30	0.60	-2.10	0.60	-0.50	-1.50	-2.20	3.00	2.90	4.10
Precip. - Inches.....	4.09	1.71	1.52	2.67	5.97	1.51	4.04	6.34	1.70	6.97	1.90	5.95
Departure From Normal.....	1.13	-0.94	-2.18	-0.93	2.33	-2.46	0.69	2.75	-1.96	3.99	-1.30	2.76
Snowfall - Inches.....	4.50	0.70	2.20	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.40
MIDDLE SUSQUEHANNA:												
Av. Temp.--Degrees.....	36.00	34.90	41.60	50.60	57.00	68.30	72.00	70.20	62.10	55.50	44.80	35.20
Departure From Normal.....	9.70	6.90	4.30	1.40	-2.00	0.50	-0.10	-0.10	-1.40	3.50	3.60	4.80
Precip. - Inches.....	3.15	1.91	1.46	2.89	6.14	2.97	4.20	6.87	3.16	8.11	2.23	6.09
Departure From Normal.....	0.44	-0.58	-1.95	-0.46	2.36	-0.96	0.50	3.32	-0.55	5.01	-1.15	3.10
Snowfall - Inches.....	5.70	1.20	3.60	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.10
UPPER SUSQUEHANNA:												
Av. Temp.--Degrees.....	32.20	30.10	37.30	47.10	52.80	63.90	68.00	66.50	58.70	52.10	41.10	32.70
Departure From Normal.....	9.80	6.70	4.80	2.30	-2.20	0.10	-0.20	0.00	-0.80	3.30	2.80	5.80
Precip. - Inches.....	2.68	2.24	1.43	2.33	4.03	2.56	4.77	4.95	2.49	7.01	2.56	4.79
Departure From Normal.....	0.25	0.00	-1.47	-0.75	0.56	-1.04	1.26	1.51	-1.05	4.00	-0.57	2.08
Snowfall - Inches.....	17.30	9.40	10.50	4.20	0.00	0.00	0.00	0.00	0.00	0.00	2.10	8.70
CENTRAL MOUNTAINS:												
Av. Temp.--Degrees.....	33.70	33.00	38.50	48.60	54.40	65.40	69.20	67.90	60.40	53.00	42.80	33.70
Departure From Normal.....	10.20	8.10	4.30	2.40	-1.90	0.60	0.30	0.40	-0.30	3.50	4.00	5.80
Precip. - Inches.....	3.16	2.92	1.76	3.25	5.39	4.06	5.84	5.36	3.84	5.93	2.25	5.87
Departure From Normal.....	0.56	0.49	-1.67	-0.13	1.61	0.02	1.77	1.62	0.35	3.03	-0.81	3.11
Snowfall - Inches.....	12.80	2.80	3.40	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.40	7.20
SOUTH CENTRAL MOUNTAINS:												
Av. Temp.--Degrees.....	35.60	35.80	41.30	49.30	55.80	67.00	70.50	68.30	61.40	54.10	44.00	34.60
Departure From Normal.....	8.70	7.30	3.80	0.00	-3.00	0.00	-0.50	-1.50	-1.80	2.30	2.70	3.70
Precip. - Inches.....	3.51	2.40	1.39	3.08	5.33	2.94	5.21	4.00	4.32	5.80	1.84	5.98
Departure From Normal.....	0.55	-0.26	-2.37	-0.64	1.52	-1.00	1.12	0.48	1.07	2.89	-1.21	3.00
Snowfall - Inches.....	12.70	4.00	1.30	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.20	11.80
SOUTHWEST PLATEAU:												
Av. Temp.--Degrees.....	35.60	36.00	41.20	49.20	55.80	66.40	69.80	68.50	62.20	53.50	44.20	36.60
Departure From Normal.....	8.90	7.40	3.30	-0.10	-3.10	-0.70	-1.10	-1.30	-1.20	1.50	2.70	5.10
Precip. - Inches.....	3.56	3.31	1.61	3.38	5.83	4.02	6.51	3.11	5.55	4.07	2.15	7.04
Departure From Normal.....	0.52	0.71	-2.04	-0.37	1.86	-0.05	2.28	-0.76	2.20	1.24	-0.62	4.11
Snowfall - Inches.....	10.00	3.50	1.60	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00
NORTHWEST PLATEAU:												
Av. Temp.--Degrees.....	32.70	31.80	37.90	47.10	53.50	64.50	68.40	66.80	60.00	51.50	42.60	33.20
Departure From Normal.....	9.10	6.80	3.70	1.00	-2.70	-0.40	-0.30	-0.70	-1.00	1.30	3.20	4.70
Precip. - Inches.....	2.84	4.82	1.72	3.85	5.54	2.90	6.39	4.66	7.30	5.47	2.70	6.87
Departure From Normal.....	-0.04	2.36	-1.66	0.14	1.79	-1.33	2.26	0.76	3.68	2.25	-0.74	3.64
Snowfall - Inches.....	18.10	10.60	2.60	4.00	0.10	0.00	0.00	0.00	0.00	0.00	2.70	11.30

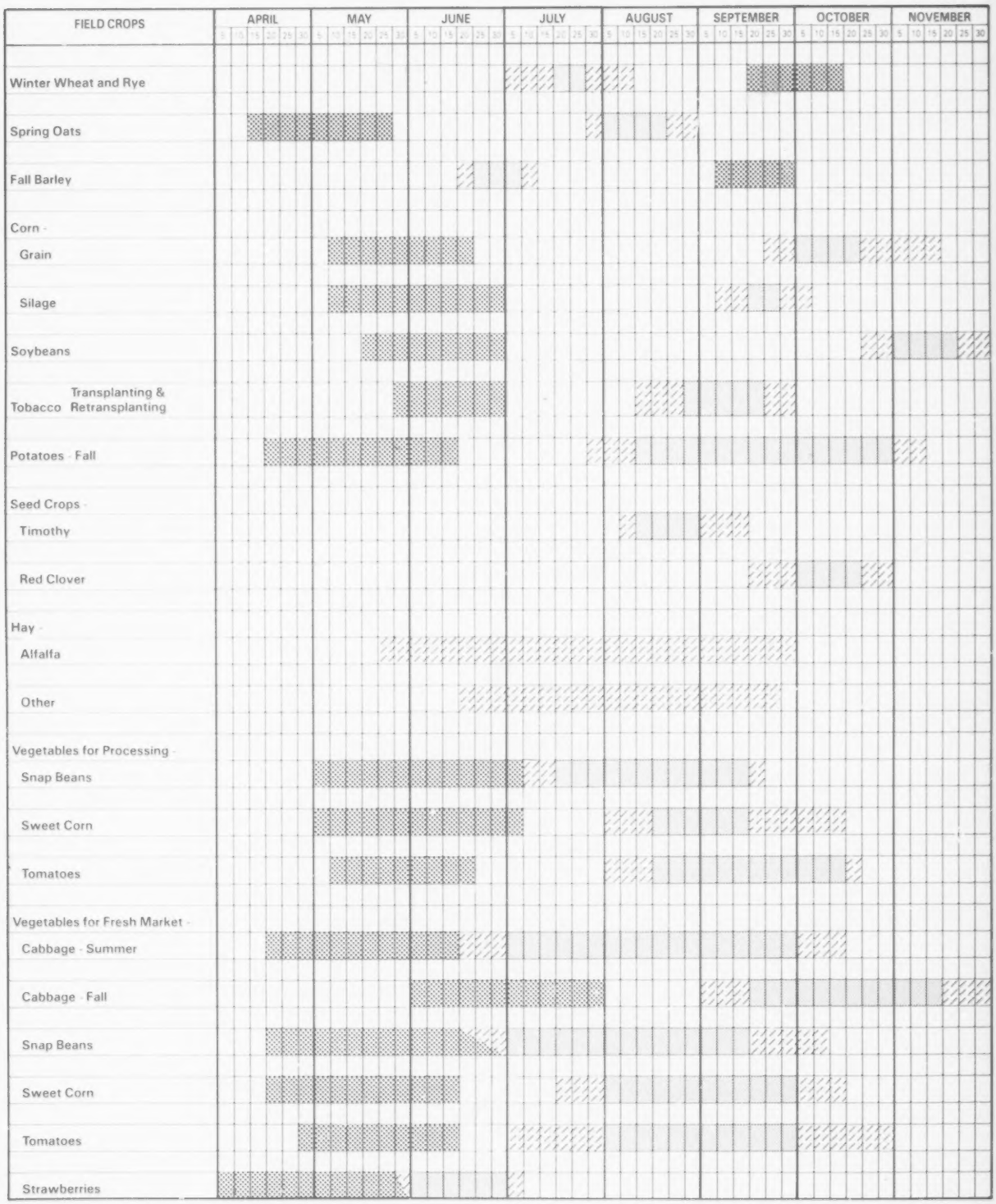
NATIONAL WEATHER SERVICE
MIDDLE ATLANTIC RIVER FORECAST CENTER
AVERAGE COUNTY PRECIP FOR THE PERIOD 1/1/90 TO 12/31/90



NATIONAL WEATHER SERVICE
MIDDLE ATLANTIC RIVER FORECAST CENTER
DEVIATION FROM NORMAL PRECIP FOR THE PERIOD 1/1/90 TO 12/31/90



USUAL PLANTING AND HARVESTING DATES FOR PRINCIPAL PENNSYLVANIA FIELD AND VEGETABLE CROPS



FRUIT REVIEW - 1990

By GLENN A. STRASBURG

During the 1990 growing season, pears and cherries experienced poor weather conditions. Both fruits were subject to untimely spring frosts that reduced yields or froze out growers entirely. The average date of full bloom for various fruit crops was: apples, April 28; peaches, April 16; pears, April 24; sweet cherries, April 19; tart cherries, April 23, and grapes June 16.

The Commonwealth's six major fruit crops, comprised of apples, peaches, pears, sweet cherries, tart cherries, and grapes, utilized production totaled 320,900 tons in 1990. Utilized production is up 23 percent from the 261,400 tons utilized in 1989.

APPLES: The 1990 commercial apple crop in Pennsylvania totaled 450 million pounds, 41 percent more than 1989's 320 million pounds. The crop was valued at 64.2 million dollars, up 88 percent from the 1989 value. Pennsylvania ranked fifth nationally in apple production.

PEACHES: Peach production in Pennsylvania totaled 76.0 million pounds in 1990, 17 percent more than the 1989 crop. The season average price was 28.9 cents per pound compared to 25.8 cents per pound in 1989. The value of the Commonwealth's utilized peach production rose from 16.8 million dollars in 1989 to 22.0 million dollars in 1990. Nationally, Pennsylvania maintained its fourth place ranking in peach production.

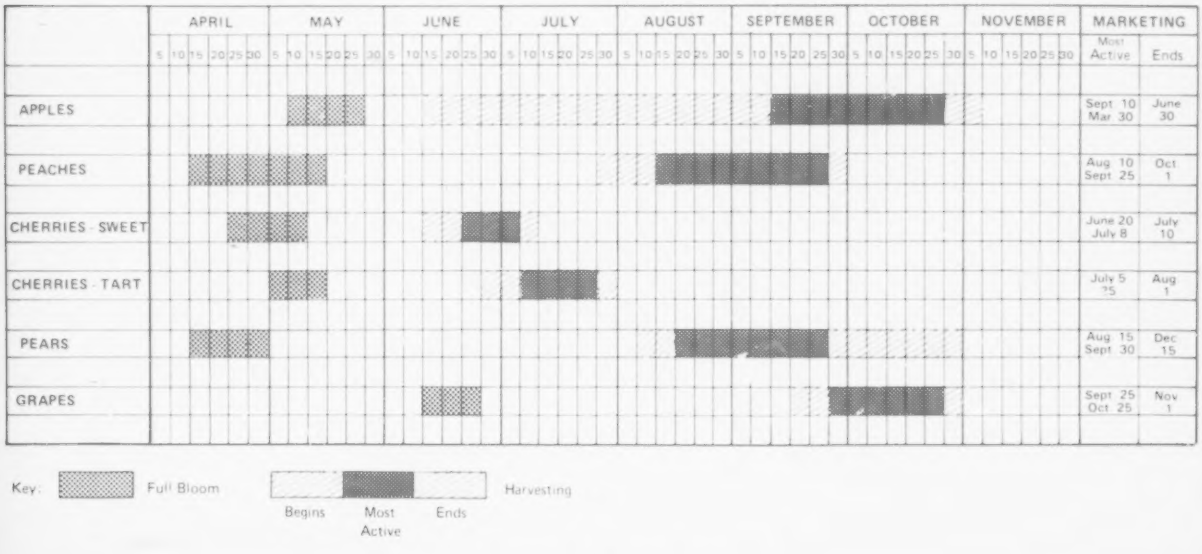
GRAPES: Pennsylvania's 1990 grape crop totaled 53,000 tons, down 12 percent from 1989. Concord grapes accounted for 91 percent of the production. The price per ton averaged 285 dollars, up 4 percent from last year. The total value of utilized production was 15.1 million dollars, a decrease of 8 percent from the previous year. The Commonwealth's grape production ranked fourth nationally.

PEARS: The production of pears in Pennsylvania totaled 3,300 tons, a 40 percent decrease from the 1989 crop and the smallest crop since 1985. The utilized pear crop was valued at 1.1 million dollars, down 46 percent from 1989's value. The Commonwealth moved past Michigan to rank fifth nationally in pear production.

TART CHERRIES: Tart cherry production in Pennsylvania totaled 3.5 million pounds, down 42 percent from last year's crop of 6.0 million pounds. The season average price was 28.2 cents per pound compared with 18.0 per pound in 1989. Nationally, Pennsylvania ranked sixth in the production of tart cherries.

SWEET CHERRIES: Production of Pennsylvania's sweet cherries in 1990 totaled a record low 50 tons, a decline of 93 percent from last year's production of 700 tons. The average price per ton rose from 1,500 dollars in 1989 to 1,620 dollars in 1990. The Commonwealth's crop for 1990 was valued at 81 thousand dollars, down 92 percent of last year's value. Sweet cherry production from Pennsylvania ranked ninth nationally.

USUAL DATES OF FULL BLOOM, HARVEST AND MARKETING FOR PRINCIPAL PENNSYLVANIA FRUIT CROPS



PENNSYLVANIA: FRUIT CROPS - PRODUCTION, DISPOSITION AND VALUE, 1970-1990

Year	Production		Utilization					Price Per Unit 1/	Value Of Utilized Production
			Fresh	Processed					
	Total	Utilized		Canned	Juice	Other	All		
			APPLES (MILLION LBS.)					$/Lb.	(000) Dols.
1970	540.0	510.0	195.0	225.1	78.9	11.0	315.0	.038	19,329
1975	550.0	503.5	228.2	201.5	62.2	11.6	275.3	.059	29,707
1980	570.0	570.0	207.8	193.1	161.9	7.2	326.2	.075	42,734
1985	585.0	585.0	210.0	234.1	136.1	4.8	375.0	.094	54,810
1986	600.0	600.0	116.0	319.4	155.0	9.6	484.0	.080	47,772
1987	500.0	500.0	170.0	197.4	126.0	6.6	330.0	.089	44,710
1988	520.0	520.0	138.0	276.0	98.4	7.6	382.0	.092	47,642
1989	320.0	320.0	120.0	162.0	31.0	7.0	200.0	.107	34,160
1990	450.0	450.0	184.0	208.0	51.0	7.0	266.0	.143	64,240
			PEACHES (MILLION LBS.)						
1970	84.0	84.0	74.0	-	-	-	10.0	.077	6,468
1975	90.0	90.0	83.4	-	-	-	6.6	.122	10,980
1980	105.0	105.0	94.9	9.4	-	.7	10.1	.145	15,225
1985	40.0	37.4	33.9	3.1	-	.4	3.5	.251	9,376
1986	80.0	80.0	73.0	2/	-	2/	7.0	.180	14,399
1987	75.0	75.0	68.0	2/	-	2/	7.0	.175	13,106
1988	80.0	75.0	68.1	2/	-	2/	6.9	.196	14,678
1989	65.0	65.0	61.8	2/	-	2/	3.2	.258	16,799
1990	76.0	76.0	73.0	2/	-	2/	3.0	.289	21,993
			PEARS (TONS)					$/Ton	
1970	4,100	4,100	-	-	-	-	-	153	627
1975	4,500	4,500	-	-	-	-	-	216	972
1980	3,500	3,500	-	-	-	-	-	299	1,046
1985	3,500	3,500	-	-	-	-	-	324	1,135
1986	5,600	5,600	-	-	-	-	-	335	1,876
1987	5,400	5,250	-	-	-	-	-	282	1,478
1988	5,100	4,800	-	-	-	-	-	345	1,654
1989	5,500	5,400	-	-	-	-	-	394	2,128
1990	3,300	3,200	-	-	-	-	-	358	1,144
			TART CHERRIES (MILLION LBS.)					$/Lb.	
1970	14.0	14.0	.5	5.5	-	-	13.5	.078	1,092
1975	12.6	11.5	1.1	6.8	-	-	10.4	.114	1,311
1980	5.6	5.6	.8	-	-	-	4.8	.275	1,540
1985	6.0	6.0	.6	-	-	-	5.4	.268	1,608
1986	12.0	12.0	1.0	-	-	-	11.0	.253	3,040
1987	5.5	4.7	.9	-	-	-	3.8	.166	779
1988	9.0	9.0	.8	-	-	-	8.2	.256	2,301
1989	6.0	5.7	.7	-	-	-	5.0	.180	1,027
1990	3.5	3.3	2/	2/	2/	2/	2/	.282	931
			SWEET CHERRIES (TONS)					$/Ton	
1970	600	600	-	-	-	-	-	500	300
1975	860	860	-	-	-	-	-	730	628
1980	700	700	670	-	-	-	-	1,090	763
1985	500	500	500	-	-	-	-	1,310	655
1986	1,050	1,000	1,000	-	-	-	-	1,270	1,270
1987	800	700	700	-	-	-	-	1,480	1,036
1988	1,200	1,200	1,200	-	-	-	-	1,260	1,512
1989	700	650	650	-	-	-	-	1,500	975
1990	50	50	50	-	-	-	-	1,620	81
			GRAPES (TONS)						
1970	45,000	45,000	1,800	-	36,230	6,970	43,200	147	6,615
1975	48,000	48,000	1,660	-	39,250	7,090	46,340	168	8,064
1980	56,000	56,000	2,000	-	44,500	9,500	54,000	167	9,360
1985	59,500	59,500	1,200	-	51,700	6,600	58,300	149	8,886
1986	62,000	62,000	1,100	-	51,900	9,000	60,900	180	11,156
1987	65,500	65,500	1,000	-	57,600	6,900	64,500	235	15,394
1988	63,000	63,000	1,000	-	57,100	4,900	62,000	214	13,494
1989	60,000	60,000	1,000	-	50,500	8,500	59,000	274	16,456
1990	53,000	53,000	1,000	-	44,000	8,000	52,000	285	15,098

1/ Fresh and processing prices combined. 2/ Data not published to avoid disclosure of individual operations.

PENNSYLVANIA: APPLES AND PEACHES - PRODUCTION AND VALUE, 1990

County & District	Apples		Peaches	
	Production	Value of Production	Production	Value of Production
	(000) Lbs.	(000) Dollars	(000) Lbs.	(000) Dollars
Crawford	400	57	-	-
Erie	7,270	1,038	1,180	341
Forest	1/	1/	-	-
Mercer	380	54	160	46
Venango	400	57	1/	1/
Warren	1/	1/	-	-
NORTHWESTERN, TOTAL	**8,450**	**1,206**	**1,340**	**387**
Bradford	1,200	171	1/	1/
Cameron	1/	1/	-	-
Clinton	1/	1/	1/	1/
Elk	1/	1/	-	-
Lycoming	2,950	421	350	101
McKean	1/	1/	-	-
Potter	1/	1/	-	-
Sullivan	1/	1/	-	-
Tioga	1,750	250	-	-
NORTH CENTRAL, TOTAL	**5,900**	**842**	**350**	**101**
Lackawanna	1/	1/	-	-
Susquehanna	350	50	-	-
Wayne	1,600	228	-	-
Wyoming	1/	1/	-	-
NORTHEASTERN, TOTAL	**1,950**	**278**	**-**	**-**
Armstrong	1,590	227	1/	1/
Beaver	2,600	371	80	23
Butler	1/	1/	1/	1/
Clarion	720	103	1/	1/
Indiana	700	100	1/	1/
Jefferson	1/	1/	-	-
Lawrence	1,340	191	55	16
WEST CENTRAL, TOTAL	**6,950**	**992**	**135**	**39**
Blair	9,500	1,356	400	116
Cambria	400	57	1/	1/
Centre	3,050	435	1/	1/
Clearfield	500	71	-	-
Columbia	4,300	614	920	266
Dauphin	3,200	457	1,350	392
Huntingdon	350	50	1/	1/
Juniata	6,500	928	1,230	356
Mifflin	900	128	290	84
Montour	200	29	105	30
Northumberland	2,500	357	390	113
Perry	250	36	385	111
Snyder	9,000	1,285	1,300	376
Union	200	29	150	43
CENTRAL, TOTAL	**40,850**	**5,832**	**6,520**	**1,887**
Carbon	1/	1/	1/	1/
Lehigh	21,000	2,998	9,230	2,671
Luzerne	2,000	286	120	35
Monroe	1/	1/	1/	1/
Northampton	2,900	414	2,770	802
Pike	1/	1/	-	-
Schuylkill	6,000	857	440	127
EAST CENTRAL, TOTAL	**31,900**	**4,555**	**12,560**	**3,635**
Allegheny	15,000	2,141	90	26
Fayette	1/	1/	-	-
Greene	1/	1/	-	-
Somerset	520	74	1/	1/
Washington	6,040	862	280	81
Westmoreland	740	106	1/	1/
SOUTHWESTERN, TOTAL	**22,300**	**3,183**	**370**	**107**
Adams	214,900	30,678	28,600	8,276
Bedford	12,700	1,813	200	58
Cumberland	10,800	1,542	375	109
Franklin	57,000	8,137	11,600	3,357
Fulton	1/	1/	1/	1/
York	10,500	1,499	6,100	1,765
SOUTH CENTRAL, TOTAL	**305,900**	**43,669**	**46,875**	**13,565**
Berks	11,200	1,599	3,580	1,036
Bucks	2,800	400	710	205
Chester	3,800	542	470	136
Delaware	300	43	270	78
Lancaster	5,800	828	2,380	689
Lebanon	1,200	171	300	87
Montgomery	700	100	140	41
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**25,800**	**3,683**	**7,850**	**2,272**
PENNSYLVANIA	**450,000**	**64,240**	**76,000**	**21,993**

1/ Included in other counties in same district.

COMMERCIAL VEGETABLE PRODUCTION-1990

By STEVEN P. GUNN

PENNSYLVANIA: Warm and wet growing conditions dominated the 1990 vegetable growing season. Wet spring weather impeded spring planting. Above normal temperatures and rainfall conditions continued through the summer with only two brief dry periods. Wet conditions in late summer and early fall and an early frost cut yields and hampered harvest activities.

PRODUCTION: Pennsylvania's production of both fresh market and processing vegetables for 1990 was 154,730 tons, down 12 percent from 1989. This includes sweet corn, tomatoes, and strawberries for fresh market and snap beans, sweet corn, and tomatoes for processing. Fresh market production in 1990 was down 33 percent and processing production was up 27 percent. Sweet corn production decreased 39 percent for fresh market but processing production increased 65 percent. Fresh tomato production decreased 24 percent and processing tomato production declined 1 percent from 1989. Strawberry production was off 14 percent and snap bean production rose 71 percent from a year ago to a record 24,910 tons.

YIELD: Vegetable yields decreased between 1989 and 1990 for every commodity except snap beans. Sweet corn yields decreased 42 percent for fresh market and 6 percent for processing. Fresh market tomato yields fell 35 percent for fresh market and 7 percent for processing over the previous year levels. Strawberry yields decreased 9 percent and snap bean yields increased 15 percent from 1989 to 1990.

ACREAGE: Total harvested acreage for fresh and processing vegetables was up 19 percent at 38,400 acres. Fresh market harvested acreage increased 7 percent to 24,600, while total processing harvested acreage increased 47 percent to 13,800.

VALUE: The combined value of both fresh and processing vegetables was $45,594,000, a decrease of 28 percent from 1989. The fresh market section totaled $36,058,000, down 36 percent. Processing vegetables totaled $9,536,000 in 1990, up 34 percent. Fresh market prices per hundredweight were up for strawberries and down for sweet corn and tomatoes. Processing vegetable prices per ton were up for tomatoes and sweet corn and down for snap beans.

PENNSYLVANIA: TOTAL PRINCIPAL VEGETABLES, FRESH AND PROCESSING, 1970-1990

Year	Fresh				Processing				Total			
	Acreage		Production	Value	Acreage		Production	Value	Acreage		Production	Value
	Planted	Harvested			Planted	Harvested			Planted	Harvested		
			(000) Cwt.	(000) Dols.			(000) Tons	(000) Dols.			(000) Cwt.	(000) Dols.
1970.....	18,830	18,030	1,609	8,497	27,550	26,520	203	8,888	46,380	44,550	5,661	17,385
1975.....	19,630	18,930	1,783	14,367	23,440	22,170	147	11,577	43,070	41,100	4,721	25,944
1978.....	26,560	25,560	2,044	26,228	15,340	14,940	108	7,890	41,900	40,500	4,200	34,110
1979.....	27,800	26,300	1,951	25,276	15,400	14,630	98	7,574	43,200	40,930	3,909	32,850
1980.....	28,000	26,100	1,711	20,956	15,340	15,020	66	5,748	43,340	41,120	3,034	26,704
1981.....	26,700	25,600	2,189	28,355	16,300	15,800	108	10,243	43,000	41,400	4,349	38,598
1982 1/.....	22,200	21,300	1,574	26,347	16,400	15,700	114	10,905	38,600	37,000	3,854	37,252
1983.....	22,900	21,300	1,291	25,153	13,700	13,200	99	8,907	36,600	34,500	3,271	34,060
1984.....	22,900	22,100	1,977	30,782	12,700	11,800	91	8,683	35,600	33,900	3,797	39,465
1985.....	22,500	21,300	1,870	29,231	11,900	11,400	86	8,156	34,400	32,700	3,594	37,387
1986.....	23,500	22,600	1,467	27,914	11,400	10,900	72	5,951	34,900	33,500	2,899	33,865
1987.....	26,700	24,300	1,725	30,956	13,000	11,700	53	5,346	39,700	36,000	2,793	36,302
1988.....	27,900	22,500	1,632	36,874	12,900	11,200	50	5,209	40,800	33,700	2,636	42,083
1989.....	24,500	22,900	2,339	56,094	9,700	9,400	60	7,120	34,200	32,300	3,533	63,214
1990.....	25,800	24,600	1,576	36,058	14,100	13,800	76	9,536	39,900	38,400	3,095	45,594

1/ Beginning in 1982 fresh includes sweet corn, tomatoes and strawberries. Processing includes snap beans, sweet corn, and tomatoes.

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR FRESH MARKET, 1982-1990

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Farm Value 1/	
						Per Cwt.	Total
				Cwt.	(000) Cwt.	Dollars	(000) Dollars
Sweet Corn.....	1982	16,600	15,800	55	869	12.80	11,123
	1983	16,800	15,300	44	673	14.30	9,624
	1984	16,600	15,900	73	1,161	12.40	14,396
	1985	15,900	14,800	71	1,051	12.40	13,032
	1986	17,300	16,600	48	797	15.20	12,114
	1987	19,700	17,400	49	853	14.50	12,369
	1988	20,900	15,700	55	864	16.80	14,515
	1989	18,600	17,100	85	1,454	20.90	30,389
	1990	19,000	18,200	49	892	18.20	16,234
Tomatoes.....	1982	3,800	3,700	170	629	14.90	9,372
	1983	4,300	4,200	130	546	17.10	9,337
	1984	4,600	4,500	170	765	16.00	12,240
	1985	4,900	4,800	160	768	15.60	11,981
	1986	4,400	4,200	145	609	17.20	10,475
	1987	5,100	5,000	160	800	15.80	12,640
	1988	5,100	4,900	140	686	20.70	14,200
	1989	4,100	4,000	200	800	21.40	17,120
	1990	5,100	4,700	130	611	19.90	12,159
Strawberries.....	1982	1,800	1,800	42	76	77.00	5,852
	1983	1,800	1,800	40	72	80.70	5,810
	1984	1,700	1,700	30	51	81.30	4,146
	1985	1,700	1,700	30	51	82.70	4,218
	1986	1,800	1,800	34	61	87.30	5,325
	1987	1,900	1,900	38	72	82.60	5,947
	1988	1,900	1,900	43	82	99.50	8,159
	1989	1,800	1,800	47	85	101.00	8,585
	1990	1,700	1,700	43	73	105.00	7,665

1/ F.O.B. farm value.

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR PROCESSING, 1982-1990

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Farm Value 1/	
						Per Ton	Total
				Tons	Tons	Dollars	(000) Dollars
Sweet Corn.....	1982	4,800	4,500	3.61	16,250	58.00	943
	1983	4,100	3,700	2.48	9,180	52.20	479
	1984	3,900	3,600	4.66	16,780	64.40	1,081
	1985	4,200	4,100	3.97	16,280	52.10	848
	1986	3,700	3,500	3.29	11,520	50.30	579
	1987	3,800	3,000	3.51	10,530	50.00	527
	1988	3,400	2,800	3.71	10,390	52.40	544
	1989	2,000	2,000	4.89	9,780	54.00	528
	1990	3,500	3,500	4.60	16,100	58.90	948
Tomatoes.....	1982	5,100	5,000	16.85	84,250	86.30	7,271
	1983	5,000	5,000	16.43	82,150	83.50	6,860
	1984	3,500	3,300	18.13	59,830	79.90	4,780
	1985	3,000	2,800	19.45	54,460	75.50	4,112
	1986	3,100	2,900	17.62	51,100	72.50	3,705
	1987	2,500	2,100	14.14	29,690	75.60	2,245
	1988	2,300	2,000	13.93	27,860	75.90	2,115
	1989	1,700	1,700	20.80	35,360	93.50	3,306
	1990	1,900	1,800	19.40	34,920	94.70	3,307
Snap Beans.....	1982	6,500	6,200	2.16	13,390	201.00	2,691
	1983	4,600	4,500	1.76	7,920	198.00	1,568
	1984	5,300	4,900	2.88	14,110	200.00	2,822
	1985	4,700	4,500	3.43	15,440	207.00	3,196
	1986	4,600	4,500	1.99	8,960	186.00	1,667
	1987	6,700	6,600	2.00	13,200	195.00	2,574
	1988	7,200	6,400	1.87	11,970	213.00	2,550
	1989	6,000	5,700	2.55	14,540	226.00	3,286
	1990	8,700	8,500	2.93	24,910	212.00	5,281

1/ Value at processing plant door.

MUSHROOMS

By GLENN A. STRASBURG

MUSHROOM PRODUCTION CONTINUES UPWARD TREND: Pennsylvania growers produced 332 million pounds of Agaricus mushrooms during the 1989-90 season. The Agaricus crop was valued at 256 million dollars, an increase of 18 percent over the previous season.

Pennsylvania accounted for 46 percent of U.S. production of Agaricus mushrooms, the conventional button variety responsible for most of the nation's sales. The state's growers supplied 38 percent of the nation's fresh market sales and 69 percent of the mushrooms used in processing. This compares with last season's sales of 36 and 64 percent, respectively.

Fresh market sales accounted for 192.8 million pounds, up 9 percent from 1988-89, while processing sales, at 139.6 million pounds, were 19 percent higher.

During the 1989-90 season, Pennsylvania growers received an average of 86.9 cents per pound for fresh market sales and 63.5 cents per pound for sales to processors. Prices for mushrooms are the average prices producers received at the point of first sale.

Statistics on specialty mushrooms grown in Pennsylvania are not published separately to avoid disclosure of individual operations. The data is included as part of the national statistics on specialty mushrooms.

PENNSYLVANIA AND UNITED STATES: AGARICUS MUSHROOM SALES BY TYPE AND PERCENT OF TOTAL, 1981-1990

Year	Pennsylvania					United States				
	Fresh Market		Processing		Total Production	Fresh Market		Processing		Total Production
	Volume Of Sales	Percent	Volume Of Sales	Percent		Volume Of Sales	Percent	Volume Of Sales	Percent	
	(000) Lbs.									
1981-82.....	120,141	44	152,907	56	273,048	319,132	62	198,014	38	517,146
1982-83.....	129,331	52	117,251	48	246,582	337,234	69	153,592	31	490,826
1983-84.....	154,675	55	124,979	45	279,654	388,075	69	173,456	31	561,531
1984-85.....	159,667	58	115,529	42	275,196	419,913	70	175,768	30	595,681
1985-86.....	156,179	61	99,981	39	256,160	427,204	73	160,752	27	587,956
1986-87.....	183,154	65	98,222	35	281,376	457,299	74	157,094	26	614,393
1987-88.....	185,109	65	99,674	35	284,783	468,895	74	162,924	26	631,819
1988-89.....	176,442	60	117,628	40	294,070	484,675	73	183,084	27	667,759
1989-90.....	192,820	58	139,629	42	332,449	511,922	72	203,088	28	715,010

PENNSYLVANIA AND OTHER STATES: AREA, PRODUCTION, PRICE AND VALUE

State	Area In Production				Production	Price Per Pound	Value Of Production
	First Filling	Second Filling	Additional Fillings	Total			
	(000) Sq. Ft.				(000) Lbs.	Cents	(000) Dols.
	July 1, 1988 - June 30, 1989						
Pennsylvania.....	16,905	16,472	26,665	60,042	294,070	73.6	216,436
Other States.....	13,123	11,398	48,096	72,617	373,689	101.3	379,902
United States.....	30,028	27,870	74,761	132,659	667,759	89.3	596,338
	July 1, 1989 - June 30, 1990						
Pennsylvania.....	17,954	17,678	29,277	64,909	332,449	77.1	256,225
Other States.....	13,905	12,044	47,009	72,958	382,561	101.6	388,529
United States.....	31,859	29,722	76,286	137,867	715,010	90.2	644,754

UNITED STATES: SPECIALTY MUSHROOMS, NUMBER OF GROWERS, TOTAL PRODUCTION, VOLUME OF SALES, PRICE PER POUND, AND VALUE OF SALES, JULY 1, 1989-JUNE 30, 1990

Year and Variety	Growers	All Sales			
		Total Production	Volume of Sales	Price Per Pound	Value of Sales
	Number	1,000 Pounds		Dollars	1,000 Dollars
Shiitake.....		3,968	3,754	4.43	16,616
Oyster.....		1,597	1,516	2.61	3,964
Other.....		639	585	2.89	1,689
U.S.....	215	6,204	5,855	3.80	22,269

FLOWERS & FOLIAGE PLANTS - 1990

By DAVID P. KNOPF

The 1990 wholesale value of sales by commercial flower and foliage producers in Pennsylvania totaled $97.3 million. A commercial producer is defined as one who had $10,000 or more in gross sales of cut flowers, flowering and foliage plants, bedding plants or cultivated florist greens. Pennsylvania ranked seventh nationally in wholesale sales of floriculture crops.

The wholesale value of cut flowers sold in 1990 totaled $14.8 million, down 5 percent from $15.6 million sold in 1989. The value of sales at wholesale of potted flowering plants was $27.8 million, up 8 percent from the $25.7 million sold the previous year. Sales of foliage plants for indoor and patio use were up 3 percent to $16.8 million. Sales for a year ago totaled $16.3 million. Sales of bedding and garden plants in flats totaled $21.3 million, 10 percent more than the $19.4 million sold in 1989. Wholesale value of sales of potted bedding and garden plants increased 6 percent to $16.6 million compared to $15.6 million a year ago.

The total covered growing area for Pennsylvania in 1990 was 17.1 million square feet, up from the 16.3 million square feet used in 1989. The types of covered growing area were: glass greenhouses, 5.9 million square feet; fiberglass and other rigid greenhouses, 1.8 million square feet; film plastic (single/double greenhouses), 9.2 million square feet; and shade and temporary cover, 256,000 square feet. Growers also used 131 acres of open ground in 1990. There were 551 growers in 1990 compared to 558 in 1989.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1989-1991

Flowers, Foliage Plants and Bedding Plants	Producers		Total Quantity				
			Sold			Intended 1991	1991 as Percent of 1990
	1989	1990	Units	1989	1990		
	Number			(000)			Percent
Potted Flowering Plants							
African Violets	31	31	Pots	497	882	879	100
Chrysanthemums	173	168	Pots	1,536	1,606	1,614	100
Finished Florist Azaleas	86	85	Pots	242	266	340	128
Easter Lillies	197	181	Pots	672	780	771	99
Other Lillies	52	55	Pots	97	103	111	108
Poinsettias	328	327	Pots	3,515	3,579	3,604	101
Other Flowering Plants	142	190	Pots	2,362	3,554	4,608	130
Bedding/Garden Plants (Potted)							
Hardy/Garden Chrysanthemums	227	240	Pots	1,526	1,562	1,669	107
Geraniums (Cutting)	431	404	Pots	5,029	5,029	5,130	102
Geraniums (Seed)	179	182	Pots	3,614	3,632	3,947	109
Other Flowering and Foliage Type	242	258	Pots	3,514	4,867	5,220	107
Potted Vegetable Type	159	181	Pots	953	1,032	1,081	105
Bedding/Garden Plants (Flats)							
Geraniums	105	118	Flats	71	59	64	108
Other Flowering and Foliage Type	442	427	Flats	2,494	2,639	2,788	106
Vegetable Type	382	377	Flats	515	529	513	97
Total of Surveyed Producers	558	551	-	-	-	-	-

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1989-1991

Flowers, Foliage Plants and Bedding Plants	Producers		Area for Production 1/			
	1989	1990	1989	1990	Intended 1991	1991 as % of 1990
	Number		(000) Sq. Ft.			Percent
Cut Flowers						
Carnation, Standard	15	15	42	43	40	93
Miniature	10	10	16	15	15	100
Chrysanthemums, Standard	64	59	260	241	244	101
Pompom	59	58	207	169	167	99
Roses, Hybrid Tea	14	15	1,093	1,135	1,135	100
Sweetheart	12	12	316	318	318	100
Other Cut Flowers	60	71	807	887	893	101
Foliage for Indoor or Patio						
Flowering Hanging Baskets	459	455	1,205	1,304	1,418	109

1/ Quantity sold for Flowering and Foliage Hanging Baskets.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1989-1990

Flowers, Foliage Plants and Bedding Plants	Production Area		% of Sales at Wholesale		Wholesale Price				Value of Sales at Wholesale 1/	
					Pots Less Than 5 Inch		Pots 5 Inch Or More			
	1989	1990	1989	1990	1989	1990	1989	1990	1989	1990
	(000) Sq. Ft.		Percent		Dollars				(000) Dols.	
Potted Flowering Plants										
African Violets	114	210	71	95	1.27	1.12	4.40	4.90	656	992
Chrysanthemums (Excluding Hardy/Garden Mums)	1,146	1,191	91	92	1.31	1.36	3.62	3.57	4,549	4,312
Finished Florist Azaleas	245	248	93	91	2.84	2.85	4.88	4.60	1,163	1,218
Easter Lilies	458	556	90	90	3.35	3.40	3.67	3.60	2,464	2,806
Other Lilies	81	80	73	86	2.75	2.64	3.80	3.69	342	360
Poinsettias	4,634	5,104	84	86	1.49	1.38	3.62	3.57	10,980	11,255
Other Flowering Plants	1,408	1,618	78	86	1.57	1.21	3.35	2.60	5,581	6,840
Total	-	-	-	-	-	-	-	-	25,735	27,783
Bedding/Garden Plants (Potted)										
Hardy/Garden Chrysanthemums	1,623	1,889	80	80	1.11	1.04	1.81	1.82	2,558	2,721
Geraniums (Cutting)	2,173	2,090	65	68	1.23	1.20	2.70	2.75	6,766	6,520
Geraniums (Seed)	696	719	86	87	.69	.68	1.44	1.58	2,530	2,626
Other Flowering and Foliage Type	1,102	1,553	80	81	.79	.74	1.70	1.52	3,206	4,065
Potted Vegetable Type	198	238	66	71	.53	.62	1.19	1.23	558	686
Total	-	-	-	-	-	-	-	-	15,618	16,618
					Flats 1989	Flats 1990				
Bedding/Garden Plants (Flats)										
Geraniums	146	129	63	57	7.39	7.98	-	-	525	471
Other Flowering and Foliage Type	5,072	5,309	66	70	6.31	6.67	-	-	15,737	17,602
Vegetable Type	1,025	1,070	57	60	6.11	6.09	-	-	3,147	3,222
Total	-	-	-	-	-	-	-	-	19,409	21,295
Total of Surveyed Plants	17,136	16,266	-	-	-	-	-	-	92,584 2/	97,301 2/

1/ Equivalent wholesale value of all sales. 2/ Includes floriculture crops not published separately.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS & BEDDING PLANTS, 1989-1990

Flowers, Foliage Plants and Bedding Plants	Sales			% of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale 1/	
	Units	1989	1990	1989	1990	1989	1990	1989	1990
		(000)		Percent		Dollars		(000) Dols	
Cut Flowers									
Carnation, Standard	Blooms	871	820	58	57	.204	.183	178	150
Miniature	Blooms	28	32	79	64	3.03	3.01	85	96
Chrysanthemums, Standard	Blooms	992	879	62	61	.736	.728	730	640
Pompom	Bunches	178	167	39	31	1.49	1.57	265	262
Roses, Hybrid Tea	Blooms	15,629	15,043	99	99	.681	.666	10,643	10,019
Sweetheart	Blooms	5,984	5,955	99	99	.438	.449	2,621	2,674
Other Cut Flowers		-	-	83	89	-	-	1,044	968
Total		-	-	-	-	-	-	15,566	14,809
Foliage for Indoor or Patio									
Flowering Hanging Baskets	Baskets	1,205	1,340	80	82	5.49	5.00	6,615	6,700
Total		-	-	-	-	-	-	16,253 2/	16,792 2/

1/ Equivalent wholesale value of all sales. 2/ Includes foliage hanging baskets and potted foliage.

NURSERY AND LANDSCAPING - 1989

By MARK E. HUDSON

The 1989 gross receipts of the Commonwealth's 4,648 certified nurseries and dealers totaled 438.5 million dollars. Retail sales were 297.8 million dollars and accounted for nearly 68 percent of the total receipts. Sales by certified nurseries accounted for 49 percent of the receipts while the nursery sales of certified dealers made up 51 percent of the total. The breakdown by source of products sold was: 43 percent self-grown, 43 percent purchased from other Pennsylvania establishments and 14 percent purchased from out-of-state establishments.

The nursery and landscaping industry employed 25,308 persons in 1989 with 47 percent of the total being employed full-time. In the industry work force, there were also 3,143 unpaid family members. Salaries and wages paid totaled 190.9 million dollars while expenditures for services such as fertilizing, spraying, etc. totaled 8.7 million dollars.

The 1989 market value of land, structures and equipment used in Pennsylvania's nursery and landscaping industry was approximately 637.0 million dollars. Total land used in nursery operations during 1989 was 47,938 acres. This includes land in certified nursery stock plus work areas and other land related with the nursery operation. Land used by operators of nursery product enterprises for all agricultural operations including nursery totaled 167,595 acres.

Nursery greenhouse area totaled 20.0 million square feet, cold frames covered 2.2 million square feet, shaded areas covered 3.6 million square feet and sales and storage areas covered 7.8 million square feet.

PENNSYLVANIA: NURSERY AND LANDSCAPING INDUSTRY SURVEY - 1989

Type Of Business	Number Of Establishments	Employees				Salaries & Wages Paid	Expenditures For Services 2/
		Unpaid Family	Hired 1/		Total Hired		
			Full Time	Part Time			
		Number				Dollars	
Nursery.....	2,425	1,983	6,908	8,596	15,504	119,932,074	2,995,169
Dealer.....	2,223	1,160	4,923	4,881	9,804	70,990,858	5,686,084
TOTAL.....	4,648	3,143	11,831	13,477	25,308	190,922,932	8,681,253

Type Of Business	Gross Receipts 5/			Source of Products Sold			Market Value 3/
	Wholesale	Retail	Total	Grown	Purchased		
					PA.	Other	
	Dollars			Percent			Dollars
Nursery.....	118,255,244	97,006,287	215,261,531	75	19	6	396,494,506
Dealer.....	22,514,658	200,751,983	223,266,641	7	70	23	240,464,116
TOTAL.....	140,769,902	297,758,270	438,528,172	43	43	14	636,958,622

Type Of Business	Land Area		Covered Area - Nursery Usage			
	Ag. & Nursery Usage	Nursery Usage 4/	Greenhouse	Cold Frames	Shaded	Sales & Storage
	Acres		Square Feet			
Nursery.....	142,609	44,164	18,736,101	2,071,516	2,413,249	4,594,898
Dealer.....	24,986	3,774	1,222,479	152,087	1,168,619	3,269,771
TOTAL.....	167,595	47,938	19,958,580	2,223,603	3,581,868	7,864,669

1/ Employees considered full-time if employed 150 days or more. 2/ Services such as fertilizing, spraying, labor contracting, etc. 3/ Market value of land, structures and equipment used in nursery product operations. 4/ Includes land in certified nursery stock plus work areas and other areas related with the nursery operation. 5/ Includes gross receipts from landscaping services and sales of nursery products.

PRICE AND INCOME REVIEW - 1990

By MICHAEL D. MILLER

Season average prices received by Pennsylvania Farmers for products they sold in 1990 were mixed. Lower prices were received for grains, potatoes, sheep, lambs, broilers, turkeys, farm chickens, and wool. Prices were higher for hay, tobacco, apples, cows, steers and heifers, calves, milk cows, hogs, milk, and eggs.

Cash income from farm marketings showed a 6 percent increase over the previous year. Preliminary cash receipts from marketings in 1990 was $3.78 billion, compared to $3.58 billion in 1989. Total cash income from crops was estimated at $1.08 billion, up 9 percent from 1989. Income received from livestock and livestock products at $2.71 billion was up 4 percent.

Total production expenses for Pennsylvania farmers in 1989 were $2.97 billion, an increase of 8 percent from 1988. Net farm income in 1989 was $1.04 billion, up 27 percent from the previous year. Government payments in 1989 at $68.4 million were up $3.5 million from 1988.

PENNSYLVANIA: PRICES RECEIVED BY FARMERS, MONTHLY, 1990

Commodity	Unit	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							Dollars						
Corn	Bu.	2.84	2.78	2.88	2.96	2.96	3.23	3.24	3.04	2.82	2.50	2.35	2.42
Oats	Bu.	1.79	1.79	1.76	1.76	1.80	1.73	1.45	1.27	1.41	1.43	1.34	1.45
Barley	Bu.	2.37	2.31	2.30	2.30	2.33	2.13	2.14	2.21	2.06	2.11	2.08	2.19
Winter Wheat	Bu.	4.10	3.79	3.64	3.37	3.45	3.22	2.99	2.76	2.50	2.60	2.69	2.51
Soybeans	Bu.	5.63	5.62	5.74	5.94	6.07	6.12	5.59	6.05	6.44	5.84	5.52	5.58
Potatoes (All)	Cwt.	11.00	10.80	10.40	12.10	11.10	11.10	9.80	6.75	7.15	6.50	8.25	8.50
Alfalfa Hay	Ton	107.00	106.00	112.00	108.00	116.00	122.00	118.00	116.00	110.00	111.00	111.00	111.00
Other Hay	Ton	81.00	79.00	86.00	73.00	82.00	89.00	86.00	84.00	84.00	85.00	83.00	83.00
Hay, All Baled	Ton	95.00	94.00	100.00	92.00	101.00	107.00	104.00	102.00	98.00	99.00	98.00	98.00
Apples (Fresh Market)	Cwt.	16.20	16.40	15.70	16.50	16.00	15.40	20.00	23.00	24.00	22.00	19.00	21.00
Barrows & Gilts	Cwt.	49.00	49.20	52.80	55.50	62.80	61.00	61.20	58.00	54.40	56.80	49.90	48.10
Steers & Heifers	Cwt.	69.80	73.20	71.90	72.60	73.90	74.20	73.30	74.10	73.30	73.00	75.80	76.00
Cows, Slaughter	Cwt.	49.90	50.70	50.50	50.50	53.20	53.00	52.40	52.60	51.50	49.70	47.10	50.90
Calves	Cwt.	106.00	115.00	104.00	114.00	126.00	122.00	110.00	118.00	118.00	110.00	94.20	101.00
Milk Cows 1/	Hd.	1,150.00	-	-	1,160.00	-	-	1,170.00	-	-	1,210.00	-	-
Broilers & Roasters	Lb.	.35	.39	.40	.40	.39	.39	.41	.35	.36	.30	.29	.34
Milk (Wholesale)	Cwt.	16.90	15.90	15.40	14.50	14.50	14.80	15.20	15.50	15.50	14.70	14.10	12.80
Eggs (Market)	Doz.	.73	.53	.61	.61	.44	.46	.43	.54	.54	.58	.60	.61

1/ Estimated Quarterly.

PENNSYLVANIA: SEASON AVERAGE PRICES RECEIVED BY FARMERS, 1981-1990

Commodity	Unit	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						Dollars					
Corn	Bu.	2.67	2.72	3.75	2.83	2.48	1.83	2.47	3.10	2.88	2.45
Oats	Bu.	2.01	1.74	1.89	1.94	1.26	1.37	1.83	2.34	1.66	1.35
Barley	Bu.	2.35	1.95	2.20	2.45	1.60	1.35	1.45	2.40	2.00	2.15
Winter Wheat	Bu.	3.50	3.25	3.65	3.60	3.05	2.75	2.90	3.70	3.55	2.85
Rye	Bu.	3.70	3.20	3.65	3.30	2.70	2.20	2.90	3.55	3.25	3.25
Soybeans	Bu.	5.99	5.45	7.80	5.84	4.75	4.85	6.20	7.45	5.65	5.60
Potatoes	Cwt.	7.05	5.50	8.10	6.35	4.55	6.80	6.10	7.60	8.55	7.30
Hay, All Baled	Ton	94.50	89.00	98.00	85.00	67.50	80.00	84.50	92.50	94.00	102.00
Tobacco, All 1/	Lb.	.800	.791	.943	.938	.837	.672	.775	1.143	1.378	1.508
Apples, All	Lb.	.095	.093	.085	.092	.094	.080	.089	.092	.107	.143
Apples (Fresh Market)	Lb.	.160	.151	.144	.147	.161	.174	.164	.157	.168	.193
Hogs, All	Cwt.	46.80	55.60	48.90	49.50	45.60	50.30	52.00	43.60	43.90	54.30
Steers & Heifers	Cwt.	58.00	57.90	56.30	57.70	52.60	52.50	62.10	66.40	68.70	73.40
Cows, Slaughter	Cwt.	40.60	38.70	38.40	37.60	36.20	35.10	42.30	45.50	47.10	50.80
Calves	Cwt.	86.70	69.60	70.00	64.30	63.00	65.10	83.10	99.20	98.60	112.00
Sheep	Cwt.	22.10	20.90	17.30	17.60	21.70	24.00	26.40	24.40	23.70	21.20
Lambs	Cwt.	66.80	60.80	62.40	64.60	67.00	70.30	79.50	70.80	68.10	58.60
Milk Cows	Hd.	1,310.00	1,200.00	1,120.00	965.00	930.00	850.00	930.00	1,020.00	1,050.00	1,170.00
Farm Chickens	Lb.	.170	.180	.160	.160	.120	.090	.090	.070	.170	.103
Broilers & Roasters	Lb.	.300	.270	.280	.330	.310	.320	.290	.330	.370	.360
Turkeys	Lb.	.450	.470	.470	.590	.500	.510	.420	.440	.430	.410
Milk (Wholesale)	Cwt.	14.20	14.00	14.00	13.90	13.10	12.90	13.10	13.10	14.50	15.00
Eggs (Market)	Doz.	.60	.56	.57	.70	.53	.57	.40	.40	.56	.57
Wool 2/	Lb.	.80	.37	.45	.70	.50	.62	.66	1.38	1.24	.80

1/ 1981 price includes only Pennsylvania Type 41. Beginning in 1982, includes Pennsylvannia Type 41 and Maryland Type 32.
2/ U. S. average.

PENNSYLVANIA: AVERAGE ANNUAL PRICES PAID BY FARMERS FOR SELECTED ITEMS AND YEAR, 1980-1990 1/

Item	Unit	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						-------- Dollars --------						
Motor Supplies:												
Gasoline, Unleaded.	Gal.	1.21	1.36	1.27	1.22	1.21	1.21	.97	.94	.97	1.05	1.16
Diesel Fuel.....	Gal.	.98	1.20	1.17	1.06	1.08	1.01	.84	.77	.81	.83	1.08
Spark Plugs.....	Each	1.25	1.28	1.27	1.40	1.45	1.58	1.72 2/	1.77	1.82	1.89	2.00
Feed:												
Chick Starter.....	Ton	212.00	229.00	208.00	227.00	231.00	203.00	194.00	183.00	218.00	237.00	229.00
Laying Feed.....	Ton	185.00	205.00	196.00	198.00	208.00	181.00	171.00	164.00	195.00	207.00	194.00
Dairy Feed-16%.....	Ton	180.00	199.00	181.00	195.00	197.00	169.00	163.00	153.00	181.00	189.00	177.00
Middlings.....	Cwt.	8.70	9.90	9.30	9.20	9.40	7.63	7.86	6.88	8.52	9.13	9.00
Soybean Meal, 44%..	Cwt.	14.00	14.80	13.40	14.20	13.10	10.18	11.60	15.35	15.65	15.88	13.25
Corn Meal.....	Cwt.	8.00	8.80	8.30	8.90	9.40	7.72	7.68	7.03	8.12	8.75	8.88

1/ Beginning in 1986, annual averages are for the Northeast Region: CT, DE, ME, MD, NH, NJ, NY, PA, RI, VT. 2/ Beginning in 1986, annual prices are United States averages.

PENNSYLVANIA: PRICES PAID BY FARMERS FOR FEED, CHICKS AND PRICE-FEED RATIOS, QUARTERLY 1990 1/

Item	Unit	January	April	July	October
			-------- Dollars --------		
Poultry:					
Chick Starter.....	Ton	233	230	237	217
Broiler Grower.....	Ton	224	232	253	222
Turkey Grower.....	Ton	231	230	244	230
Laying Feed.....	Ton	198	188	198	192
Broiler-Type Chicks Str. Run 2/	100	18.20	18.40	18.50	18.40
Egg-Type, Pullets 2/.....	100	51.90	51.00	49.10	51.00
Turkey Poults 2/.....	Each	.994	1.02	1.03	1.02
Dairy:					
Mixed Dairy Feed, 16%.....	Ton	184	173	175	175
Mixed Dairy Feed, 18%.....	Ton	189	184	185	187
Mixed Dairy Feed, 20%.....	Ton	196	189	190	188
Mixed Dairy Feed, 32%.....	Ton	250	240	246	246
Hog & Beef:					
Mixed Hog-Feed, 14-18%.....	Ton	219	214	224	217
Mixed Hog-Feed, 38-42%.....	Ton	328	308	316	312
Hog-Corn Price Ratio 3/.....		17.0	18.5	18.5	22.3
Beef-Cattle Concentrate, 32-36%...	Ton	301	286	277	271
Ingredients:					
Bran.....	Cwt.	10.50	10.10	10.20	9.90
Corn Meal.....	Cwt.	8.60	8.80	9.20	8.90
Soybean Meal 44%.....	Cwt.	13.70	13.10	13.20	13.00
Cottonseed Meal, 41%.....	Cwt.	13.20	14.00	14.30	14.90
Stock Salt.....	50 lb.	4.80	4.80	4.80	4.80
Liquid Molasses.....	Cwt.	8.00	8.10	8.20	8.50

1/ Beginning in 1986, all prices paid are estimated Quarterly for the Northeast Region: CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT. 2/ United States average price. 3/ Pennsylvania ratio.

PENNSYLVANIA: CASH RECEIPTS FROM FARM MARKETING AND GOVERNMENT PAYMENTS, 1940-1990

Year	Cash Income From Farm Marketings			Government Payments	Total Marketings & Government Payments
	Crops	Livestock & Livestock Products	Total Crops & Livestock		
			Million Dollars		
1940	75.6	192.9	268.7	6.7	275.4
1950	161.1	533.2	694.3	6.3	700.6
1960	206.0	601.0	807.0	11.8	818.8
1970	260.9	775.9	1,036.8	25.2	1,062.0
1974	462.3	1,042.6	1,504.9	4.9	1,509.8
1975	475.6	1,124.8	1,600.4	5.3	1,605.7
1976	542.7	1,272.5	1,815.2	5.8	1,821.0
1977	596.5	1,301.3	1,897.8	7.5	1,905.3
1978	649.5	1,487.4	2,136.9	12.7	2,149.6
1979	726.2	1,749.7	2,475.9	6.0	2,481.9
1980	689.3	1,943.4	2,632.7	8.3	2,641.0
1981	765.2	2,147.9	2,913.1	11.9	2,925.0
1982	824.3	2,162.4	2,986.7	7.4	2,994.1
1983	789.9	2,222.5	3,012.4	30.1	3,042.5
1984	861.8	2,242.0	3,103.8	80.7	3,184.5
1985	1,000.2	2,187.0	3,187.2	28.6	3,215.8
1986	906.4	2,258.8	3,165.2	44.6	3,209.8
1987	910.9	2,330.0	3,240.9	71.8	3,312.7
1988	963.7	2,331.9	3,295.6	64.9	3,360.5
1989 1/	985.8	2,595.4	3,581.2	68.4	3,586.6
1990	1,076.5	2,706.6	3,783.1	-	-

1/ Preliminary

PENNSYLVANIA: FARM BALANCE SHEET (INCLUDING OPERATOR HOUSEHOLDS), DECEMBER 31, 1985-89 1/

Item	1985	1986	1987	1988	1989
			Million Dollars		
Total farm assets	17,537.0	19,160.9	19,777.4	22,572.6	22,743.9
Real estate	11,588.2	13,093.3	13,263.6	15,857.9	15,670.2
Livestock and poultry	1,133.3	1,211.8	1,387.1	1,431.0	1,538.8
Machinery and motor vehicles	2,195.1	2,163.7	2,178.1	2,183.7	2,233.9
Crops 2/	672.8	608.1	644.2	621.1	678.2
Household equip. and furnishings	958.4	989.4	1,133.8	1,274.7	1,425.3
Purchased inputs	28.4	45.6	73.2	83.1	65.2
Investments in cooperatives	501.1	515.4	522.8	524.8	546.0
Other financial	459.5	533.7	574.7	596.3	586.4
Total farm debt	2,712.4	2,500.5	2,373.4	2,418.3	2,392.2
Real estate debt 3/	1,544.7	1,416.3	1,401.3	1,376.6	1,358.2
Nonreal estate debt 4/	1,167.7	1,084.2	972.1	1,041.7	1,034.0
Equity	14,824.5	16,660.4	17,404.0	20,154.3	20,351.7
			Ratio		
Equity/assets	84.6	87.0	88.0	89.3	89.5
Debt/equity	18.3	15.0	13.6	12.0	11.8
Debt/assets	15.5	13.0	12.0	10.7	10.5

1/ Data are for farms with annual sales of $1,000 or more. 2/ All crops held on farms including value above loan rates for crops held under CCC. 3/ Includes CCC storage and drying facilities loans. 4/ Includes debt owed to institutional lenders and to noninstitutional or miscellaneous lenders.

PENNSYLVANIA: FARM INCOME INDICATORS, 1985-1989

Item	1985	1986	1987	1988	1989
			Million Dollars		
Gross Farm Income 1/	3,541.0	3,498.5	3,567.1	3,561.9	4,008.8
Cash income	3,285.3	3,266.4	3,369.4	3,416.1	3,710.1
Farm marketings	3,187.2	3,165.2	3,240.9	3,295.6	3,581.2
Crops	1,000.2	906.4	910.9	963.7	985.8
Livestock and products	2,187.0	2,258.8	2,330.0	2,331.9	2,595.4
Government payments	28.6	44.6	71.8	64.9	68.4
Other farm income	69.5	56.7	56.7	55.6	60.6
Machine hire/customwork	13.1	8.9	14.2	12.6	14.9
Other farm-related income	56.4	47.8	42.5	43.0	45.7
Noncash income	277.9	239.3	262.1	264.2	259.1
Value of home consumption	33.5	31.5	33.5	32.6	32.6
Rental value of dwellings	244.4	207.8	228.6	231.6	226.5
Operators dwellings	235.3	199.6	220.5	223.3	219.0
Hired laborers dwellings	9.1	8.2	8.2	8.2	7.4
Value of inventory adjustment	-22.3	-7.2	-64.3	-118.4	39.7
Total production expenses 1/	2,722.7	2,641.6	2,660.9	2,739.8	2,968.7
Intermediate product expenses	1,615.7	1,617.7	1,653.8	1,705.7	1,888.6
Farm origin	705.0	731.7	740.8	817.0	892.3
Feed	539.0	562.3	559.8	641.4	700.3
Livestock and Poultry	105.7	106.6	115.1	109.6	116.6
Seed	60.2	62.9	65.8	66.0	75.4
Manufactured inputs	367.3	333.7	337.5	344.3	377.7
Fertilizer and lime	136.9	121.9	113.3	118.9	132.6
Pesticides	53.0	54.5	58.6	57.7	74.3
Fuel and oil	118.5	99.1	93.5	93.0	100.5
Electricity	58.9	58.2	72.1	74.7	70.3
Other	543.4	552.3	575.5	544.4	618.6
Repair and operation	179.1	176.4	188.6	189.6	213.8
Other miscellaneous 2/	364.3	375.9	386.9	354.7	404.8
Interest	265.7	244.5	228.6	240.7	246.8
Real estate	143.1	132.3	120.3	131.4	130.7
Nonreal estate	122.6	112.2	108.3	109.3	116.1
Contract and hired labor expenses	242.3	243.9	266.4	275.7	291.9
Cash labor expenses	229.3	232.8	252.9	262.7	280.0
Perquisites	13.0	11.1	13.4	13.0	11.9
Net rent to nonoperator landlords	-10.5	-15.9	-29.0	-24.8	-22.9
Capital consumption	507.9	448.2	429.3	428.3	444.9
Property taxes	101.7	103.2	111.8	114.3	119.5
NET FARM INCOME	818.2	856.9	906.2	822.1	1,040.2
Cash income 3/	3,285.3	3,266.4	3,369.4	3,416.1	3,710.1
Cash expenses 3/	2,115.8	2,114.2	2,135.8	2,215.6	2,446.4
Intermediate product expenses	1,577.5	1,585.3	1,616.6	1,666.8	1,856.8
Interest	243.7	227.9	209.4	219.6	232.3
Cash labor expenses	229.3	232.8	252.9	262.7	280.0
Net rent to nonoperator landlords	-10.5	-15.9	-29.0	-24.8	-22.9
Property taxes	75.8	84.0	85.8	91.3	100.3
NET CASH INCOME	1,169.5	1,152.2	1,233.6	1,200.5	1,263.7
Cash income	3,285.3	3,266.4	3,369.4	3,416.1	3,710.1
Cash expenses	2,115.8	2,114.2	2,135.8	2,215.6	2,446.4
Capital consumption	429.7	381.9	357.3	355.0	371.0
NET BUSINESS INCOME 4/	739.8	770.3	876.2	845.5	892.8
Gross receipts of farms 5/	3,305.7	3,299.0	3,346.7	3,338.6	3,789.8
Nonfactor payments 3/	2,083.1	2,051.3	2,059.8	2,113.1	2,328.0
Intermediate product expenses	1,577.5	1,585.3	1,616.6	1,666.8	1,856.8
Capital consumption	429.7	381.9	357.3	355.0	371.0
Property taxes	75.8	84.0	85.8	91.3	100.3
Factor payments 3/	1,222.7	1,247.7	1,286.9	1,225.5	1,461.8
Interest	243.7	227.9	209.4	219.6	232.3
Contract and hired labor expenses	242.3	243.9	266.4	275.7	291.9
Net rent to nonoperator landlords	-10.5	-15.9	-29.0	-24.8	-22.9
RETURNS TO OPERATORS 6/	747.2	791.7	840.1	755.0	960.6
Off-farm income 7/	1,244.8	1,194.8	1,207.7	1,187.4	1,183.1
			Number		
Number of farms	58,000	56,500	56,000	55,000	54,000

1/ Includes operator households. 2/ Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses. 3/ Excludes operator households. 4/ Cash income less cash expenses and capital consumption. 5/ Gross farm income less rental value of operators' dwellings. 6/ Gross receipts of farms less nonfactor payments, interest, wages to contract and hired labor, and net rent to non-operator landlords. 7/ Includes off-farm cash income for the principal farm operator and members of that farm operator's family.

PENNSYLVANIA: CASH RECEIPTS FROM SALE OF AGRICULTURAL PRODUCTS FROM FARMS BY COMMODITIES, 1985-1989

Commodity	1985	1986	1987	1988	1989
			(000) Dollars		
ALL COMMODITIES	3,187,225	3,165,207	3,240,851	3,295,551	3,581,168
LIVESTOCK PRODUCTS	2,187,042	2,258,834	2,329,992	2,331,889	2,595,377
MEAT ANIMALS	402,797	424,915	542,042	508,743	556,708
Cattle/Calves	294,681	307,418	386,500	385,906	410,629
Hogs	105,301	114,552	152,296	119,655	141,315
Sheep/Lambs	2,815	2,945	3,246	3,182	4,764
DAIPY PRODUCTS	1,311,305	1,316,565	1,340,447	1,343,715	1,452,531
Milk Retail	59,600	61,395	60,577	58,605	56,181
Milk Wholesale	1,251,705	1,255,170	1,279,870	1,285,110	1,396,350
POULTRY/EGGS	417,155	468,491	401,441	436,988	546,318
Broilers	123,294	136,963	140,843	175,883	203,171
Chickens, Farm	7,603	7,909	6,840	5,450	13,617
Eggs	218,808	244,014	186,513	186,095	257,240
Turkeys	67,450	79,560	67,200	69,520	72,240
Other Poultry	NA	45	45	40	50
MISCELLANEOUS LIVESTOCK	55,785	48,863	46,062	42,443	39,820
All Other Livestock	55,500	47,560	44,340	40,470	38,250
CROPS	1,000,183	906,373	910,859	963,662	985,791
FOOD GRAINS	24,735	19,932	17,528	26,120	27,139
Wheat	23,999	19,571	16,979	25,240	26,435
FEED CROPS	298,487	202,033	192,119	204,696	182,914
Barley	2,829	2,619	2,265	3,037	3,875
Corn	206,758	94,782	74,743	101,841	79,662
Hay	78,736	100,163	106,866	90,595	90,679
Oats	10,164	4,469	8,245	9,223	8,698
TOBACCO	20,984	18,330	14,673	24,552	15,940
OIL CROPS	30,496	27,981	28,650	46,203	50,235
Soybeans	30,496	27,981	28,650	46,203	50,235
VEGETABLES	79,157	73,193	78,615	73,742	107,618
Potatoes	29,682	28,193	29,845	22,967	34,300
Beans, Snap	3,196	1,667	2,574	2,550	3,286
Corn, Sweet	13,880	12,693	12,896	15,059	30,917
Tomatoes	16,093	14,180	14,885	16,315	20,426
Miscellaneous Vegetables	15,000	16,000	17,500	16,000	18,000
FRUITS/NUTS	85,505	105,627	102,096	92,270	92,490
Apples	56,339	60,457	59,011	46,856	42,524
Cherries	2,206	4,310	1,444	3,816	2,511
Grapes	7,378	11,156	14,718	13,494	16,456
Peaches	9,376	18,179	14,916	14,678	16,799
Pears	733	1,235	864	1,654	2,128
Strawberries	3,473	4,190	4,543	5,572	5,572
Other Berries	4,000	4,100	4,100	3,900	4,000
Miscellaneous Fruits & Nuts	2,000	2,000	2,500	2,300	2,500
ALL OTHER CROPS	460,819	459,277	477,178	496,079	509,455
Mushrooms	178,937	170,600	186,100	210,699	217,611
Other Seeds	750	750	700	600	600
Other Field Crops	3,000	3,000	3,000	2,750	2,900
Greenhouse/Nursery	278,132	284,927	287,378	282,030	288,344

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF AGRICULTURAL CROPS, BY COUNTIES, 1989 1/

County & District	Crops				Total All Crops
	Field	Vegetables & Potatoes	Fruits	Horticulture & Mushrooms	
	(000) Dollars				
Crawford	5,573	1,229	75	868	7,745
Erie	3,759	9,525	19,614	11,531	44,429
Forest	85	0	1	0	86
Mercer	4,917	1,253	148	9,197	15,515
Venango	1,148	172	102	295	1,717
Warren	1,102	611	13	272	1,998
NORTHWESTERN, TOTAL	**16,584**	**12,790**	**19,953**	**22,163**	**71,490**
Bradford	6,603	491	180	1,183	8,457
Cameron	43	0	1	0	44
Clinton	1,573	992	13	289	2,867
Elk	256	63	2	0	321
Lycoming	4,620	1,128	573	6,221	12,542
McKean	383	62	17	360	822
Potter	1,190	3,122	6	0	4,318
Sullivan	585	116	2	0	703
Tioga	4,189	93	265	224	4,771
NORTH CENTRAL, TOTAL	**19,442**	**6,067**	**1,059**	**8,277**	**34,845**
Lackawanna	786	2,853	54	773	4,466
Susquehanna	2,679	225	86	171	3,161
Wayne	1,723	110	209	600	2,642
Wyoming	1,027	395	43	692	2,157
NORTHEASTERN, TOTAL	**6,215**	**3,583**	**392**	**2,236**	**12,426**
Armstrong	2,822	383	263	33,075	36,543
Beaver	1,478	592	366	3,533	5,969
Butler	4,095	2,554	207	24,373	31,229
Clarion	1,899	588	117	829	3,433
Indiana	4,573	1,537	241	11,759	18,110
Jefferson	1,528	274	15	1,030	2,847
Lawrence	3,299	488	264	3,126	7,177
WEST CENTRAL, TOTAL	**19,694**	**6,416**	**1,473**	**77,725**	**105,308**
Blair	2,772	705	1,396	1,523	6,396
Cambria	1,562	5,172	78	2,775	9,587
Centre	5,042	4,042	521	984	10,589
Clearfield	1,077	83	109	1,724	2,993
Columbia	4,781	4,702	810	8,122	18,415
Dauphin	5,496	847	686	2,838	9,867
Huntingdon	3,102	173	72	33	3,380
Juniata	3,430	175	1,175	587	5,367
Mifflin	2,765	133	240	542	3,680
Montour	2,406	901	107	1,659	5,073
Northumberland	6,204	4,213	630	2,263	13,310
Perry	4,194	196	209	322	4,921
Snyder	3,511	1,391	1,816	511	7,229
Union	3,668	490	67	279	4,504
CENTRAL, TOTAL	**50,010**	**23,223**	**7,916**	**24,162**	**105,311**
Carbon	618	587	14	995	2,214
Lehigh	5,772	3,377	4,691	5,754	19,594
Luzerne	1,445	4,746	390	3,017	9,598
Monroe	1,062	307	41	644	2,054
Northampton	6,152	1,356	1,155	2,633	11,296
Pike	77	169	4	1,027	1,277
Schuylkill	3,413	4,910	884	1,183	10,390
EAST CENTRAL, TOTAL	**18,539**	**15,452**	**7,179**	**15,253**	**56,423**
Allegheny	597	1,109	1,739	13,067	16,512
Fayette	2,310	678	25	3,434	6,447
Greene	1,402	119	47	1,153	2,721
Somerset	4,535	1,864	92	2,002	8,493
Washington	3,505	1,369	705	3,236	8,815
Westmoreland	4,478	1,316	181	7,520	13,495
SOUTHWESTERN, TOTAL	**16,827**	**6,455**	**2,789**	**30,412**	**56,483**
Adams	8,084	1,118	28,240	6,410	43,852
Bedford	4,747	283	1,230	212	6,472
Cumberland	7,855	1,147	1,528	4,928	15,458
Franklin	10,332	894	10,203	2,175	23,604
Fulton	2,086	26	17	60	2,189
York	18,019	10,889	4,051	8,958	41,917
SOUTH CENTRAL, TOTAL	**51,123**	**14,357**	**45,269**	**22,743**	**133,492**
Berks	13,760	1,863	2,720	64,909	83,252
Bucks	5,929	4,019	475	19,342	29,765
Chester	11,770	1,385	851	150,887	164,893
Delaware	252	185	148	12,996	13,581
Lancaster	37,006	9,696	1,698	34,145	82,545
Lebanon	8,296	972	311	6,063	15,642
Montgomery	4,281	1,155	257	14,642	20,335
Philadelphia	0	0	0	0	0
SOUTHEASTERN, TOTAL	**81,294**	**19,275**	**6,460**	**302,984**	**410,013**
PENNSYLVANIA	**279,728**	**107,618**	**92,490**	**505,955**	**985,791**

1/ Totals may not add due to rounding.

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF LIVESTOCK AND LIVESTOCK PRODUCTS, GOVERNMENT PAYMENTS AND TOTAL CASH RECEIPTS BY COUNTIES, 1989

County & District	Livestock And Products				Government Payments 1/	Total All Crops, Livestock Products & Gov't Payments
	Meat Animals & Misc. Livestock	Dairy	Poultry	Total Livestock & Products		
	(000) Dollars					
Crawford	12,479	44,148	3,602	60,229	1,243	69,217
Erie	8,628	31,733	535	40,896	1,031	86,356
Forest	278	519	4	801	25	912
Mercer	9,942	25,732	369	36,043	1,210	52,768
Venango	3,118	4,393	53	7,564	501	9,782
Warren	4,139	12,448	61	16,648	148	18,794
NORTHWESTERN, TOTAL	**38,584**	**118,973**	**4,624**	**162,181**	**4,158**	**237,829**
Bradford	23,047	78,256	3,768	105,071	1,728	115,256
Cameron	114	174	4	292	12	348
Clinton	3,544	7,559	456	11,559	420	14,846
Elk	740	1,292	1,060	3,092	57	3,470
Lycoming	6,989	16,158	1,229	24,376	1,199	38,117
McKean	1,560	3,782	18	5,360	143	6,325
Potter	3,771	13,882	14	17,667	486	22,471
Sullivan	1,683	5,570	10	7,263	194	8,160
Tioga	11,972	38,546	309	50,827	1,604	57,202
NORTH CENTRAL, TOTAL	**53,420**	**165,219**	**6,868**	**225,507**	**5,843**	**266,195**
Lackawanna	2,198	5,710	26	7,934	326	12,726
Susquehanna	10,303	38,529	165	48,997	710	52,868
Wayne	6,859	29,500	27	36,386	357	39,385
Wyoming	3,623	13,126	12	16,761	516	19,434
NORTHEASTERN, TOTAL	**22,983**	**86,865**	**230**	**110,078**	**1,909**	**124,413**
Armstrong	5,430	9,345	68	14,843	511	51,897
Beaver	3,384	7,386	222	10,992	132	17,093
Butler	7,914	13,333	612	21,859	550	53,638
Clarion	4,114	10,780	60	14,954	909	19,296
Indiana	8,648	17,848	110	26,606	547	45,263
Jefferson	3,795	8,054	59	11,908	263	15,018
Lawrence	6,649	16,719	1,793	25,161	509	32,847
WEST CENTRAL, TOTAL	**39,934**	**83,465**	**2,924**	**126,323**	**3,421**	**235,052**
Blair	7,276	30,967	933	39,176	533	46,105
Cambria	3,640	5,614	255	9,509	412	19,508
Centre	9,577	30,675	254	40,506	532	51,627
Clearfield	2,625	5,884	34	8,543	239	11,775
Columbia	4,918	7,989	1,706	14,613	1,229	34,257
Dauphin	7,308	14,848	17,689	39,845	594	50,306
Huntingdon	7,392	24,919	4,181	36,492	759	40,631
Juniata	6,611	19,090	22,190	47,891	932	54,190
Mifflin	8,289	34,003	5,697	47,989	443	52,112
Montour	2,571	4,986	1,145	8,702	635	14,410
Northumberland	9,495	9,891	12,760	32,146	1,383	46,839
Perry	7,002	19,526	11,611	38,139	985	44,045
Snyder	7,824	16,083	14,757	38,664	568	46,461
Union	6,536	15,911	11,467	33,914	331	38,749
CENTRAL, TOTAL	**91,064**	**240,386**	**104,679**	**436,129**	**9,575**	**551,015**
Carbon	614	703	130	1,447	225	3,886
Lehigh	3,232	3,865	21,691	28,788	624	49,006
Luzerne	2,191	5,495	1,132	8,818	719	19,135
Monroe	846	1,116	16	1,978	183	4,215
Northampton	4,461	12,722	1,058	18,241	1,174	30,711
Pike	164	198	12	374	44	1,695
Schuylkill	5,702	6,125	13,739	25,566	973	36,929
EAST CENTRAL, TOTAL	**17,210**	**30,224**	**37,778**	**85,212**	**3,942**	**145,577**
Allegheny	2,242	1,634	302	4,178	97	20,787
Fayette	5,710	8,888	803	15,401	376	22,224
Greene	5,010	3,112	27	8,149	156	11,026
Somerset	13,080	39,662	1,200	53,942	767	63,202
Washington	12,140	17,071	122	29,333	719	38,867
Westmoreland	9,790	20,247	895	30,932	882	45,309
SOUTHWESTERN, TOTAL	**47,972**	**90,614**	**3,349**	**141,935**	**2,997**	**201,415**
Adams	11,779	18,959	51,751	82,489	1,652	127,993
Bedford	13,077	38,645	398	52,120	551	59,143
Cumberland	15,514	45,799	9,708	71,021	1,137	87,616
Franklin	27,911	93,745	20,383	142,039	656	166,299
Fulton	5,046	11,797	41	16,884	406	19,479
York	22,446	30,546	21,323	74,315	843	117,075
SOUTH CENTRAL, TOTAL	**95,773**	**239,491**	**103,604**	**438,868**	**5,245**	**577,605**
Berks	25,726	57,750	14,500	97,976	1,153	182,381
Bucks	4,660	9,764	570	14,994	548	45,307
Chester	18,937	55,793	13,217	87,947	412	253,252
Delaware	557	654	4	1,215	41	14,837
Lancaster	115,537	218,428	217,155	551,120	495	634,160
Lebanon	19,060	45,764	35,655	100,479	293	116,414
Montgomery	5,111	9,141	1,161	15,413	340	36,688
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**189,588**	**397,294**	**282,262**	**869,144**	**3,282**	**1,282,439**
PENNSYLVANIA	**596,528**	**1,452,531**	**546,318**	**2,595,377**	**40,372**	**3,621,540**

1/ Differs from Government payments shown in preceding tables due to different accounting periods used. Excludes dairy termination program payments.

AGRICULTURAL CHEMICAL USE - 1990

By DAVID P. KNOPF

Overview

Pennsylvania's data presented in the following tables is the first of a series of National Agricultural Statistics Service publications covering on-farm fertilizer and agricultural chemical use. The data presented begin the process of developing a data series on chemical use.

The Water Quality Initiative is a multi-agency program designed to provide farmers, ranchers, and foresters the knowledge and technical means to respond independently and voluntarily to on- and off-farm environmental concerns. In the past, farm level data have been inadequate to determine the magnitude of water quality problems or the benefits and costs of alternative solutions for the farmer and other affected parties. These data will help fill some of the data needs that analysts require to find solutions to the complex environmental issues of the 1990's.

U.S. and other states' data pertaining to on-farm fertilizer and chemical use data for 1990 corn, cotton, potatoes, rice, soybeans, winter wheat, and other spring wheat, and durum wheat are available through the Pennsylvania Agricultural Statistics Service (PASS). A second Agricultural Chemical Usage publication covering 1990 vegetables and melons will be issued June 25, 1991. Published States will include Arizona, California, Florida, Michigan, and Texas. Subscription ordering information covering this publication can be obtained by contacting PASS.

Highlights

NITROGEN -- Pennsylvania farmers applied nitrogen to 95 percent of the 1,380,000 acres of corn planted in 1990. Total nitrogen applied to corn in 1990 was 98 million pounds. All of the state's 23,000 acres of fall potatoes received one or more applications of nitrogen. A total of 3 million pounds of nitrogen was applied to fall potato acreage in 1990. Nitrogen was applied to slightly over half of the 280,000 acres of soybeans planted last year. A total of 2 million pounds was applied.

PHOSPHATE -- Phosphate was applied to 93 percent of the state's corn acres planted in 1990. Total phosphate applied to corn in 1990 was 76 million pounds. Ninety-five percent of the 23,000 acres of fall potatoes planted in 1990 received a phosphate application. Total applied was 3 million pounds. Phosphate was applied to 58 percent of the soybean planted acres.

POTASH -- Corn growers in the state applied potash to 87 percent of the 1,380,000 acres they planted in 1990. Total applied was 56 million pounds. Fall potato producers applied potash to 97 percent of their planted acres. Total usage was 3 million pounds. Potash was applied to 58 percent of the soybean planted acreage. A total of 9 million pounds was applied.

PESTICIDES -- Herbicides were applied to 95 percent of the 1,380,000 acres of corn planted; 83 percent of the 23,000 acres of fall potatoes planted; and 91 percent of the 280,000 acres of soybeans planted in 1990. Insecticides were applied to 28 percent of the corn acres and 98 percent of the fall potato acres. Insufficient quantities of insecticides were applied to soybean acres for a reliable state estimate.

Atrazine was the most common pesticide applied to corn, with 83 percent of the acres receiving treatment. Mancozeb was applied to 85 percent of the fall potato acreage. Sixty-three percent of the soybean planted acres received at least one treatment of Linuron.

PENNSYLVANIA: FREQUENCY AND EXTENT OF FERILIZER USAGE, SPECIFIED CROPS, 1990

Ingredient and Crop	Area Planted	Area Applied 1/	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	(000) Acres	Percent	Number	Pounds	Pounds	Million Pounds
NITROGEN						
Corn.....	1,380	95	1.63	46	75	98
Fall Potatoes...	23	100	1.42	104	148	3
Soybeans.....	280	51	1.05	16	17	2
PHOSPHATE						
Corn.....	1,380	93	1.15	51	59	76
Fall Potatoes...	23	95	1.10	132	145	3
Soybeans.....	280	58	1.04	41	43	7
POTASH						
Corn.....	1,380	87	1.18	40	47	56
Fall Potatoes...	23	97	1.13	120	136	3
Soybeans.....	280	58	1.04	52	54	9

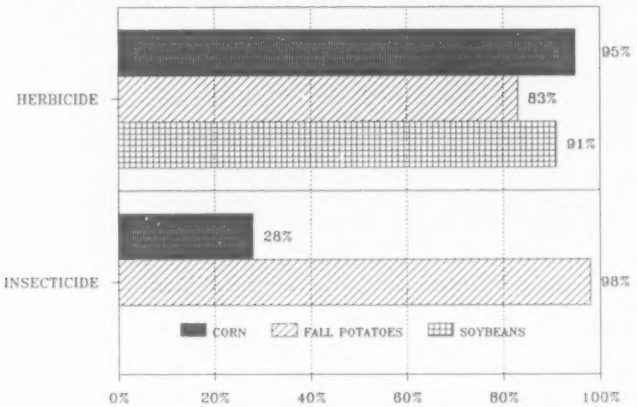
1/ Refers to acres receiving one or more applications of a specific fertilizer ingredient.

PENNSYLVANIA: TOTAL ACREAGE AND ACREAGE RECEIVING PESTICIDE APPLICATIONS, SPECIFIED CROPS, 1990

Pesticide and Crop	Area Planted	Area Receiving Treatment 1/
	1,000 Acres	Percent
HERBICIDE		
Corn	1,380	95
Fall Potatoes	23	83
Soybeans	280	91
INSECTICIDE 2/		
Corn	1,380	28
Fall Potatoes	23	98

1/ Refers to acres receiving one or more applications of a pesticide. 2/ Insufficient quantities of insecticides were applied to soybean acres for reliable state estimates.

PENNSYLVANIA: PERCENT OF ACREAGE RECEIVING PESTICIDE TREATMENT, SPECIFIED CROPS, 1990



PENNSYLVANIA: FREQUENCY AND EXTENT OF PESTICIDE USAGE, SPECIFIED CROPS, 1990

Crop and Ingredient	Area Planted	Area Applied 1/	Applications	Active Ingredient		
				Rate Per Application	Rate Per Crop Year	Total Applied
	1,000 Acres	Percent	Number	Pounds	Pounds	1,000 Pounds
CORN	1,380	-	-	-	-	-
Alachlor	-	17	1.00	1.57	1.57	368
Atrazine	-	83	1.05	1.21	1.27	1,455
Carbofuran	-	12	1.00	1.14	1.14	189
Cyanazine	-	20	1.00	1.49	1.49	411
Dicamba	-	12	1.00	.38	.38	63
Metolachlor	-	47	1.07	1.60	1.71	1,109
FALL POTATOES	23	-	-	-	-	-
Azinphos-Methyl	-	48	1.65	.53	.88	10
Diquat	-	48	1.06	.30	.32	4
Endosulfan	-	45	1.66	.78	1.29	13
Esfenvalerate	-	32	1.19	.06	.07	1
Linuran	-	18	1.00	.76	.76	3
Mancozeb	-	85	5.09	1.24	6.33	124
Metalaxyl	-	58	2.37	.17	.40	5
Methamidophos	-	37	1.17	.83	.97	8
Metolachlor	-	62	1.03	1.81	1.86	27
Metribuzin	-	68	1.00	.62	.62	10
Oxamyl	-	12	1.25	.65	.81	2
Permethrin	-	32	2.48	.16	.40	3
Phorate	-	54	1.00	2.93	2.93	36
SOYBEANS	280	-	-	-	-	-
Alachlor	-	28	1.00	1.92	1.92	151
Chlorimuron-Ethyl	-	19	1.00	.04	.04	2
Linuron	-	63	1.00	.51	.51	90
Metolachlor	-	35	1.00	2.00	2.00	196
Pendimethalin	-	16	1.00	.97	.97	43

1/ Refers to acres receiving one or more applications of a specified pesticide active ingredient.

AGRICULTURAL EXPORTS - 1990

By P. GREGORY TRUCKOR

PENNSYLVANIA: Agricultural exports from the Keystone State during the fiscal year (FY) October 1989-September 1990 were valued at $295.1 million. This represents an increase of 9 percent from the $270.2 million worth of commodities exported in FY 1989.

Pennsylvania exports ranked fifth in dairy products, ninth in poultry and poultry products, and tenth in prepared fruits, hides and skins, and animal fats.

UNITED STATES: The value of agricultural exports for the U.S. during FY 1990 totaled $40.2 billion, an increase of 1 percent from the $39.6 billion in FY 1989.

California was the leading export state in FY 1990. The total value of their exports were $4.4 billion. Other leading states and their value were: Illinois and Iowa, $3.2 billion; Nebraska, $2.6 billion; Texas, $2.5 billion; and Kansas, $2.2 billion.

METHODOLOGY: State agricultural export estimates are based on the assumption that if a state contributes a certain percentage of U.S. production for each commodity, it receives the same percentage in export revenues. Additional information, such as estimated feed use by state, wheat shipments by type, and customs data by port of export is incorporated into the estimating procedures when appropriate.

U.S. & PA AGRICULTURAL EXPORTS: ESTIMATED VALUE BY COMMODITY GROUP, FISCAL YEARS 1987-90

Commodity and Year		Pennsylvania	United States	Commodity and Year		Pennsylvania	United States
			-------- Million Dollars --------				
Soybeans & Products	1987	16.1	5,752.9	Poultry & Products	1987	22.2	594.3
	1988	22.6	6,972.2		1988	23.4	647.4
	1989	29.2	5,822.0		1989	26.4	724.5
	1990	28.4	5,271.8		1990	34.3	853.5
Tobacco - Unmanufactured	1987	3.8	1,203.1	Fats, Oils & Greases	1987	13.6	416.8
	1988	4.8	1,297.1		1988	16.9	544.6
	1989	7.2	1,273.9		1989	16.0	530.8
	1990	4.3	1,373.5		1990	14.5	458.8
Fruits - Prepared	1987	10.1	1,466.2	Dairy Products	1987	28.4	490.6
	1988	15.0	1,714.1		1988	26.7	535.5
	1989	16.0	1,800.2		1989	26.4	474.7
	1990	22.9	2,188.1		1990	19.2	347.7
Vegetables - Prepared	1987	5.5	1,175.8	Feeds & Fodders	1987	6.5	671.9
	1988	5.4	1,280.5		1988	9.2	874.3
	1989	6.2	1,542.3		1989	11.1	1,062.4
	1990	10.0	2,078.7		1990	14.9	1,047.5
Live Animals & Meat	1987	41.7	1,630.2	Seeds	1987	1.5	371.1
	1988	54.2	2,248.6		1988	1.7	414.7
	1989	69.0	2,830.0		1989	2.0	506.6
	1990	74.4	2,817.3		1990	2.3	576.4
Hides & Skins	1987	48.5	1,665.6	Other	1987	5.7	1,656.3
	1988	53.2	1,836.8		1988	6.7	1,944.9
	1989	49.9	1,713.0		1989	10.4	2,544.8
	1990	55.2	1,795.6		1990	14.7	3,112.9
				Total	1987	203.6	27,876.2 1/
					1988	239.8	35,378.7 1/
					1989	270.2	39,637.1 1/
					1990	295.1	40,181.8 1/

1/ Includes value for some commodities not shown separately which are not produced or exported from Pennsylvania.

RECORD HIGHS AND LOWS IN PENNSYLVANIA AGRICULTURE 1/

Field Crops & Vegetables	Year Estimates Started	Record	Acreage		Yield			Production	
			Harvested	Year	Unit	Per Acre	Year	Total	Year
			(000)					(000)	
Corn For Grain.....	1919	High	1,861	1981	Bu.	113	1990	151,800	1985
		Low	672	1966		22	1930	19,074	1930
Corn For Silage.....	1919	High	550	1988	Ton	16.5	1985	7,448	1982
		Low	156	1921		6.0	1930	1,326	1923
Wheat.....	1866	High	1,610	1901	Bu.	53	1988	26,565	1901
		Low	170	1988		10.5	1872	7,095	1978
Oats.....	1866	High	1,330	1888	Bu.	70	1985	44,165	1918
		Low	240	1990		17.5	1890	13,000	1988
Barley.....	1866	High	245	1955	Bu.	69	1990	9,900	1967
		Low	7	1915		17.5	1901	130	1914
Rye.....	1866	High	398	1879	Bu.	37	1985	4,368	1891
		Low	11	1981		9	1870	186	1951
Soybeans.....	1924	High	305	1989	Bu.	41	1990	11,275	1990
		Low	2	1935		13	1957	33	1935
All Hay.....	1866	High	3,300	1892	Ton	2.66	1985	5,302	1985
		Low	1,870	1976		1.00	1911	2,255	1866
Alfalfa Hay.....	1919	High	850	1987	Ton	3.30	1985	2,772	1985
		Low	31	1919		1.60	1957	65	1919
Potatoes.....	1866	High	308	1917	Cwt.	260	1985	19,662	1934
		Low	20.5	1989		38	1876	3,690	1988
Tobacco.....	1866	High	49	1918	Lbs.	2,050	1981	72,275	1918
		Low	3	1869		730	1881	3,390	1867
Mushrooms.....	1966	High	-	-	Lbs.	-	-	332,449	1990
		Low	-	-		-	-	93,000	1966
Snap Beans (Proc.)..	1918	High	10.0	1965	Ton	3.43	1985	24.9	1990
		Low	.1	1921		.80	1930	.3	1921
Sweet Corn (Fresh)..	1939	High	29.4	1944	Cwt.	85	1989	1,250	1944
		Low	10.9	1972		35	1939	545	1972
Sweet Corn (Proc.)..	1918	High	16.7	1943	Ton	4.89	1989	44.9	1956
		Low	1.1	1921		.90	1930	3.0	1921
Strawberries.....	1918	High	4.1	1937	Cwt.	47	1989	125.3	1937
		Low	1.1	1974		14	1945	2.7	1945
Tomatoes (Fresh)....	1918	High	4.9	1988	Cwt.	200	1989	800	1989
		Low	.5	1926		53	1926	27	1926
Tomatoes (Proc.)....	1918	High	37.2	1945	Ton	20.8	1976	225.0	1958
		Low	.9	1921		2.9	1946	4.3	1921

1/ In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

RECORD HIGHS AND LOWS IN PENNSYLVANIA AGRICULTURE (CONTINUED)1/

Fruit	Year Estimates Started	Units	Production		
			Record	Total	Year
Apples	1889	Mil. Lbs.	High	1,114	1896
			Low	78	1921
Tart Cherries	1938	Mil. Lbs.	High	35.0	1964
			Low	3.2	1977
Sweet Cherries	1938	Ton	High	2,200	1940
			Low	50	1990
Peaches	1899	Mil. Lbs.	High	148.8	1954
			Low	6.9	1899
Pears	1909	Ton	High	21,125	1920
			Low	1,900	1973
Grapes	1909	Ton	High	78,000	1983
			Low	6,000	1945

Livestock & Products	Year Estimates Started	Units	Inventory January 1 Or Production		
			Record	Total	Year
Cattle & Calves	1867	1,000	High	2,100	1982
			Low	1,250	1927
Milk Cows	1867	1,000	High	1,039	1956
			Low	670	1867
Hogs & Pigs	1867	1,000	High	1,265	1919
			Low	386	1966
Sheep	1867	1,000	High	2,985	1867
			Low	88	1984
Chickens (All)	1924	1,000	High	26,188	1946
			Low	13,850	1975
Turkeys (Raised)	1929	1,000	High	8,430	1990
			Low	192	1929
Broilers Produced	1939	1,000	High	127,700	1989
			Low	2,500	1939
Milk	1929	Mil. Lbs.	High	10,204	1988
			Low	2,242	1929
Eggs	1924	Mil. Eggs	High	5,317	1988
			Low	1,649	1924
Wool	1909	1,000 Lbs.	High	4,514	1911
			Low	570	1985

1/ In some cases the record high and/or low is indentical for more than one year. In such cases the year shown is the latest year of occurrence.

PENNSYLVANIA: RANKING OF STATES IN CROP PRODUCTION, 1990

Item	1	2	3	4	5	6	7	8	9	10	PA if Not in Top 10
Corn for Grain	IA	IL	NE	MN	IN	OH	WI	MI	SD	MO	15
Corn for Silage	WI	NY	PA	MN	CA	IA	NE	MI	OH	CO	-
Winter Wheat	KS	OK	WA	TX	IL	MT	NE	CO	OH	MO	26
Oats	SD	MN	WI	IA	ND	OH	PA	NE	MI	IL	-
Barley	ND	MT	ID	MN	SD	WA	CO	CA	WY	OR	14
Rye	SD	GA	MN	ND	NE	SC	MI	PA	WI	NC	-
All Hay	WI	CA	TX	NE	IA	MO	MN	SD	KS	MI	12
All Other Hay	TX	MO	KY	KS	TN	NE	OK	SD	PA	ND	-
Alfalfa Hay	WI	CA	IA	MN	MI	NE	SD	ID	MT	KS	14
Soybeans for Beans	IL	IA	MN	IN	OH	MO	AR	NE	SD	KS	22
Tobacco	NC	KY	SC	VA	GA	TN	OH	PA	FL	WI	-
Potatoes (All)	ID	WA	CO	WI	OR	ME	CA	NO	MN	MI	13
Apples	WA	NY	MI	CA	PA	NC	VA	OR	ID	WY	-
Peaches	CA	GA	SC	PA	WA	NJ	MI	TX	AR	CO	-
Pears	WA	CA	OR	NY	PA	UT	MI	CO	CT	-	-
Grapes	CA	WA	NY	PA	MI	AZ	OH	OR	AR	GA	-
Cherries, Sweet	WA	OR	CA	MI	ID	UT	NY	MT	PA	-	-
Cherries, Tart	MI	NY	UT	OR	WI	PA	CO	-	-	-	-
Mushrooms	PA	CA	MI	OH	IN	DE	GA	MD	NY	MD	-
Sweet Corn, Fresh Market	FL	NY	CA	OH	PA	MI	NJ	MA	CO	IL	-
Processing	WI	MN	WA	OR	IL	ID	NY	MD	DE	PA	-
Tomatoes, Fresh Market	FL	CA	VA	SC	GA	TN	PA	NJ	NY	OH	-
Processing	CA	OH	IN	MI	NJ	NY	PA	CO	-	-	-
Snap Beans, Processing	WI	OR	MI	NY	IL	PA	MN	IN	TN	GA	-
Strawberries	CA	FL	OR	NY	MI	WA	NC	PA	OH	LA	-
Floriculture Crops (Wholesale Value)	CA	FL	NY	TX	OH	MI	PA	NC	IL	NJ	-

PENNSYLVANIA: RANKING OF COUNTIES IN CROP PRODUCTION, 1990

Item	1	2	3	4	5	6	7	8	9	10
Wheat	York	Berks	Lanc.	Frank.	Lehigh	Adams	Cumb.	North'tn	Dauphin	Chester
Corn for Grain	Lanc.	York	Berks	Chester	Frank.	North'tn	North'ld	Cumb.	Lehigh	Centre
Corn for Silage	Lanc.	Frank.	Brad.	Lebanon	Chester	Berks	Cumb.	Bedford	Blair	Somer.
Oats	Somer.	Mercer	Cambria	Ind.	Craw.	Berks	Erie	Centre	West.	Butler
Barley	Lanc.	York	Frank	Berks	Cumb.	Lebanon	Chester	Dauphin	Adams	Perry
Soybeans	York	Lanc.	Chester	Bucks	Lebanon	Berks	Adams	North'ld	Mont.	Lehigh
Alfalfa Hay	Lanc.	Frank.	Berks	Brad.	Bedford	Chester	Wash.	West.	Centre	Cumb.
All Other Hay	Brad.	Craw.	Susq.	Tioga	Berks	Somer.	Wayne	Wash.	Frank.	Erie
All Hay	Brad.	Lanc.	Berks.	Frank.	Wash.	Craw.	Bedford	Tioga	Chester	Somer.
Potatoes	Erie	Cambria	York	Lanc.	Schuyl.	Potter	Lehigh	Somer.	Luzerne	Chester
Tobacco	Lanc.	Lebanon	Chester	Berks	York	Snyder	Montour	North'ld	Dauphin	Cumb.
Apples	Adams	Frank.	Lehigh	Alleg.	Bedford	Berks	Cumb.	York	Blair	Snyder
Peaches	Adams	Frank	Lehigh	York	Berks	North'tn	Lanc.	Dauphin	Snyder	Juniata

PENNSYLVANIA: RANKING OF STATES IN LIVESTOCK, POULTRY AND CASH RECEIPTS

Item	1	2	3	4	5	6	7	8	9	10	PA if Not in Top 10
LIVESTOCK INVENTORY 1/1/90											
All Cattle & Calves.....	TX	NE	KS	OK	CA	IA	MO	WI	SD	CO	17
Milk Cows.....	WI	CA	NY	MN	**PA**	TX	MI	OH	IA	WA	-
Hogs & Pigs 1/.....	IA	IL	MN	IN	NE	MO	NC	OH	SD	KS	14
Sheep & Lambs.....	TX	CA	WY	CO	MT	SD	UT	OR	IA	NM	20
POULTRY INVENTORY: 1/											
All Chickens, Excluding Broilers.....	CA	IN	GA	AR	**PA**	OH	NC	TX	AL	FL	-
Layers.....	CA	IN	**PA**	OH	GA	AR	TX	NC	FL	MN	-
Turkeys Raised.....	NC	MN	CA	AR	MO	VA	IN	IA	**PA**	SC	-
LIVESTOCK & POULTRY PRODUCTION, 1989:											
Milk Production.....	WI	CA	NY	MN	**PA**	TX	MI	OH	WA	IA	-
Milk Production Per Cow.	NM	WA	CA	AZ	CO	NV	ID	OR	UT	CT	18
Egg Production.....	CA	IN	**PA**	OH	GA	AR	TX	NC	FL	MN	-
Broilers Produced.....	AR	GA	AL	NC	MS	TX	MD	DE	CA	VA	13
Egg-Type Chick Hatch....	IN	**PA**	CA	FL	IA	MN	GA	AL	AR	MO	-
Broiler Chick Hatch.....	AR	AL	GA	NC	MS	TX	MD	DE	VA	FL	11
SLAUGHTER IN COMMERCIAL PLANTS: HEAD (1989)											
Cattle.....	KS	NE	TX	CO	IA	CA	WI	MN	**PA**	ID	-
Calves.....	WI	NY	**PA**	IN	IL	CA	OH	TX	FL	MI	-
Sheep & Lambs.....	CO	TX	IA	KS	MI	IL	WA	NM	SD	**PA**	-
Total Red Meat (lbs.)...	IA	NE	KS	TX	IL	MN	CO	SD	CA	MI	11
CASH RECEIPTS (1988):											
Total.....	CA	TX	IA	NE	IL	MN	KS	FL	WI	NC	19
Livestock & Products..	TX	NE	IA	CA	WI	KS	MN	AR	CO	**PA**	-
Crops.....	CA	FL	IL	IA	TX	NE	MN	IN	WA	OH	26

1/ Inventory December 1, 1990.

PENNSYLVANIA: RANKING OF COUNTIES IN LIVESTOCK, POULTRY, NUMBER OF FARMS AND CASH RECEIPTS

Item	1	2	3	4	5	6	7	8	9	10
INVENTORY, JANUARY 1, 1991:										
Cattle & Calves.....	Lanc.	Brad.	Frank.	Berks	Chester	York	Bed.	Leb.	Tioga	Cumb.
Hogs & Pigs 1/.....	Lanc.	York	Berks	Frank.	Leb.	Nth'ld.	Adams	Cumb.	Snyder	Schuyl.
Sheep & Lambs.....	Greene	Wash.	Lanc.	Brad.	Mercer	York	Berks	Butler	Tioga	Adams
Chickens, Excluding Broilers 1/.	Lanc.	Adams	Leb.	Frank.	Dauphin	York	Cumb.	Juniata	Berks	North'ld
Cows in Milking Herd, 1990.....	Lanc.	Frank.	Brad.	Berks	Chester	Craw.	Cumb.	Leb.	Tioga	Somer.
PRODUCTION, 1990:										
Broilers Raised.....	Lanc.	Leb.	Juniata	Berks	Snyder	Perry	Nth'ld.	Franklin	Dauphin	Schuyl.
Milk Production.....	Lanc.	Frank.	Brad.	Chester	Berks	Cumb.	Leb.	Craw.	Tioga	Somer.
Egg Production.....	Lanc.	Adams	Leb.	Frank.	Dauphin	York	Juniata	Cumb.	Berks	Schuyl.
NUMBER OF FARMS.....	Lanc.	York	Berks	Wash.	Chester	Frank.	Brad.	Erie	West.	Craw.
CASH RECEIPTS, 1989.....	Lanc.	Chester	Berks	Frank.	Adams	York	Leb.	Brad.	Cumb.	Erie

1/ Inventory December 1, 1990.

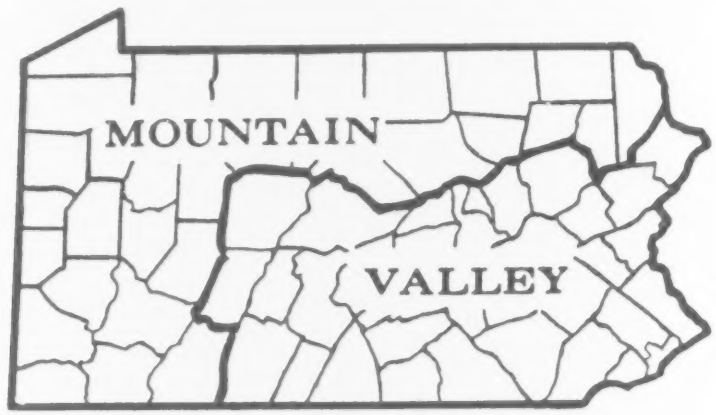
MACHINERY CUSTOM RATES

By DAVID KNOPF

The custom rates shown are averages from voluntary reports by custom operators throughout Pennsylvania. Most of the rates are stated per acre, cwt., ton, bale, or bushel rather than per hour to reduce the variation due to machinery size. Individual rates vary due to differences in working conditions, services performed, or even the operator's eagerness to do custom work. Therefore, the average rates shown should not be considered absolute indications of fair charges.

Acreage rates are shown separately for two regions of the state, labeled **"Mountain"** and **"Valley"**. The differences in rates between regions reflect differences in terrain, soils and alternative opportunities for the labor and equipment used. Figures labeled **"The State"** represent the straight average of all reports used regardless of geographic location.

Most custom rates are higher this year. Of the 65 rates reported, 87 percent have increased, 8 percent have decreased, and the remaining 5 percent are the same as last year. The overall average is up 5 percent from the previous year. This percentage increase was computed by adding the rates for all jobs, regardless of basis of charge, and dividing by last year's comparable total.



CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1991

JOB	BASIS OF CHARGE	MOUNTAIN SECTION	VALLEY SECTION	STATE
		Harvesting		
Corn Picking	Acre	$ 19.50	$ 19.30	$ 19.40
Corn Picking and Shelling	Acre	23.20	22.20	22.70
Corn Combining	Acre	24.20	22.90	23.50
Corn Drying (23 Percent)	Bu.	.26	.26	.26
Combining Small Grains	Acre	21.20	21.40	21.30
Hay Making:				
Mowing	Acre	7.20	7.90	7.60
Mowing and Conditioning	Acre	8.50	9.10	8.80
Raking	Acre	4.70	4.90	4.80
Pick-up Baling:				
Twine	Bale	.30	.30	.30
Wire	Bale	.39	.38	.38
Cut, Rake, Bale and Store	Bale	.71	.76	.73
Large Round Baler (Avg. = 1,070 Lbs)	Bale	6.00	5.50	5.70
Stacker-Wagon (Avg. = 1 Ton)	Stack	18.30	18.50	18.40
Silage Making:				
Pull-Type Chopper and Tractor	Hour	30.90	33.80	32.40
Self-Propelled Chopper	Hour	47.60	53.60	50.60
Blower	Hour	5.00	5.70	5.40
1 Man, 2 Wagons, 1 Tractor	Hour	26.10	27.00	26.60
2 Men, 2 Wagons, 2 Tractors	Hour	39.10	39.20	39.20

CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1991 - CONTINUED

JOB	BASIS OF CHARGE	MOUNTAIN SECTION	VALLEY SECTION	STATE
		-------- Plowing And Cultivating --------		
Plowing, Moldboard Plow:				
Spring, Stubble	Acre	$ 10.40	$ 11.40	$ 10.90
Sod	Acre	11.50	12.50	12.00
Fall, Stubble	Acre	10.70	11.40	11.00
Sod	Acre	12.30	12.30	12.30
Plowing, Deep (10 Inches or More)	Acre	13.00	13.70	13.40
Plowing, Chisel	Acre	10.80	10.90	10.90
Plowing, Disk	Acre	10.40	10.70	10.60
Disking, Tandem	Acre	9.00	9.20	9.10
With Harrow or Cultipacker	Acre	9.90	10.40	10.20
Harrowing:				
Spike Tooth	Acre	7.20	7.10	7.10
Spring Tooth	Acre	7.50	7.50	7.50
Cultivating	Acre	8.00	8.20	8.10
		-------- Planting and Drilling --------		
Planting Corn With Fertilizer:				
Conventional-Till Planting	Acre	10.10	10.60	10.40
Reduced-Till Planting	Acre	11.40	11.50	11.50
No-Till	Acre	12.50	12.90	12.70
Planting Soybeans, Without Fertilizer:				
Conventional-Till	Acre	9.50	9.90	9.70
Reduced-Till	Acre	11.40	11.50	11.50
No-Till	Acre	13.00	13.40	13.40
Drilling Small Grain:				
Without Fertilizer	Acre	7.90	8.60	8.30
With Fertilizer	Acre	8.80	9.20	9.00
With Fertilizer and Cloverseed	Acre	10.10	10.10	10.10
Seeding Alfalfa, Clover, Etc	Acre	8.50	9.00	8.80
Broadcast Seeding (On Grain Fields)	Acre	5.20	5.40	5.30
Cleaning Grain Seed:				
With Treatment	Bu.	.63	.65	.64
Without Treatment	Bu.	.46	.45	.45
		-------- Spraying --------		
Ground Equipment:				
Spraying For Weed Control:				
Excluding Material	Acre	5.20	5.30	5.30
Spraying For Corn Borer:				
Including Cost of Material	Acre	9.30	9.50	9.40
Excluding Cost of Material	Acre	5.20	5.50	5.40
Spraying For Spittle Bug or Alfalfa Weevil:				
Including Cost of Material	Acre	7.10	7.50	7.30
Excluding Cost of Material	Acre	5.20	5.50	5.40
Aerial Application (Excluding Material):				
Fixed Wing	Acre	7.50	7.50	7.50
Helicopter	Acre	7.90	7.90	7.90
		-------- Miscellaneous --------		
Stalk Shredding, P.T.O.	Acre	7.40	8.00	7.70
Spreading Bulk Fertilizer:				
Dry	Acre	5.10	5.00	5.00
Liquid	Acre	5.20	5.20	5.20
Side Dressing	Acre	6.00	5.90	5.90
Grinding Feed:				
Corn, Oats or Barley	Cwt.	.54	.52	.53
Corn and Cobs	Cwt.	.56	.55	.55
Cobs	Cwt.	.57	.54	.55
Additional Charge For Mixing	Cwt.	.19	.19	.19
Machine Tiling (No Tile)	Foot	.39	.46	.42
Back Hoe	Hour	32.80	34.40	33.60
Sawing Wood (Chain Saw)	Hour	10.40	10.30	10.30
Post Hole Digging	Hole	.71	.70	.71
Manure Loading	Hour	17.00	18.20	17.60
Manure Spreading	Hour	17.20	18.50	17.90
Bulldozing (Avg. H.P. 81)	Hour	45.40	45.50	45.50

PENNSYLVANIA: NUMBER OF FARMS AND LAND IN FARMS, 1965-1990 1/

Year	Number Of Farms	Land In Farms	
		Total Acres	Per Farm
		(000)	Acres
1965	85,000	11,300	133
1970	74,000	10,200	138
1975	66,000	9,600	145
1980	62,000	9,000	145
1981	61,000	8,900	146
1982	60,000	8,800	147
1983	59,000	8,700	147
1984	58,000	8,700	150
1985	58,000	8,700	150
1986	56,500	8,500	150
1987	56,000	8,400	150
1988	55,000	8,300	151
1989	54,000	8,200	152
1990	53,000	8,100	153

1/ Farm Definition - Any place where $1,000 or more of agricultural products were produced and sold or normally would have been sold during the year.

PENNSYLVANIA: NUMBER OF FARMS BY SALES CLASS, 1987-1990

Year	Gross Value Of Sales						Total	
	$1,000 - $9,999		$10,000 - $99,999		$100,000 +			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1987	28,500	50.9	19,500	34.8	8,000	14.3	56,000	100.0
1988	27,500	50.0	19,400	35.3	8,100	14.7	55,000	100.0
1989	26,000	48.1	19,900	36.9	8,100	15.0	54,000	100.0
1990	24,800	46.8	20,100	37.9	8,100	15.3	53,000	100.0

PENNSYLVANIA: LAND IN FARMS BY SALES CLASS, 1987-1990

Year	Gross Value Of Sales						Total	
	$1,000 - $9,999		$10,000 - $99,999		$100,000 +			
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
	(000)		(000)		(000)		(000)	
1987	2,300	27.4	3,400	40.5	2,700	32.1	8,400	100.0
1988	2,200	26.5	3,400	41.0	2,700	32.5	8,300	100.0
1989	2,000	24.4	3,500	42.7	2,700	32.9	8,200	100.0
1990	1,800	22.2	3,500	43.2	2,800	34.6	8,100	100.0

PENNSYLVANIA: AVERAGE SIZE OF FARM BY SALES CLASS, 1987-1990

Year	Gross Value Of Sales			State
	$1,000 - $9,999	$10,000 - $99,999	$100,000 +	
	-------- Acres --------			
1987	81	174	338	150
1988	80	175	333	151
1989	77	176	333	152
1990	73	174	346	153

FARM REAL ESTATE VALUES: AVERAGE VALUE PER ACRE OF LAND AND BUILDINGS BY STATE, 1960-1991 1/

State	March 1, 1960	March 1, 1970	February 1, 1980	February 1, 1986	February 1, 1987	February 1, 1988	February 1, 1989	January 1, 1990	January 1, 1991
Northeast:									
Maine	84	161	594	854	885	962	1,019	1,019	978
New Hampshire	104	239	1,004	1,682	1,847	2,112	2,237	2,237	2,148
Vermont	81	224	721	1,060	1,114	1,124	1,190	1,190	1,142
Massachusetts	314	565	1,608	2,761	3,012	3,553	3,763	3,763	3,612
Rhode Island	379	734	2,523	3,284	3,389	4,748	5,028	5,028	4,827
Connecticut	446	921	2,387	3,372	3,557	4,171	4,417	4,417	4,240
New York	145	273	720	843	960	993	1,024	974	1,031
New Jersey	528	1,092	2,947	2,997	3,729	3,969	4,543	4,634	4,912
Pennsylvania	**188**	**373**	**1,464**	**1,332**	**1,540**	**1,579**	**1,874**	**1,807**	**1,757**
Delaware	243	499	1,798	1,684	1,677	1,765	2,058	2,259	2,248
Maryland	290	640	2,238	2,023	2,009	2,261	2,462	2,420	2,196
Lake States:									
Michigan	194	326	1,111	1,012	924	971	983	1,005	1,085
Wisconsin	133	232	1,004	836	777	826	846	803	853
Minnesota	155	226	1,086	694	587	700	745	805	873
Corn Belt:									
Ohio	248	399	1,730	1,136	1,097	1,199	1,262	1,204	1,217
Indiana	264	406	1,863	1,167	1,061	1,158	1,244	1,244	1,275
Illinois	316	490	2,041	1,232	1,149	1,262	1,383	1,389	1,433
Iowa	257	392	1,840	873	786	947	1,101	1,102	1,157
Missouri	115	224	902	648	604	640	673	679	689
Northern Plains:									
North Dakota	53	94	405	334	303	319	326	340	368
South Dakota	51	84	292	267	238	269	291	328	351
Nebraska	89	154	635	416	400	457	523	550	556
Kansas	101	159	587	415	373	413	435	462	467
Appalachia:									
Virginia	140	286	1,028	1,179	1,154	1,198	1,333	1,516	1,295
West Virginia	75	136	669	616	633	682	702	613	625
North Carolina	186	333	1,219	1,254	1,259	1,263	1,317	1,263	1,243
Kentucky	137	253	976	941	878	896	911	981	962
Tennessee	132	268	976	935	936	1,001	1,002	996	988
Southeast:									
South Carolina	137	261	900	870	792	871	939	909	948
Georgia	99	234	896	853	889	920	998	1,012	995
Florida	217	355	1,381	1,537	1,605	1,790	1,887	2,085	2,133
Alabama	91	200	780	803	786	800	822	839	791
Delta States:									
Mississippi	107	234	819	778	685	697	713	728	754
Arkansas	113	260	918	779	724	761	778	750	770
Louisiana	173	321	1,256	1,191	921	940	954	915	905
Southern Plains:									
Oklahoma	86	173	614	520	475	480	521	497	486
Texas	85	148	436	594	546	544	515	495	481
Mountain:									
Montana	35	60	235	233	200	205	209	238	243
Idaho	112	177	698	631	552	572	595	661	659
Wyoming	22	41	161	159	157	147	142	149	153
Colorado	54	95	387	360	368	369	367	358	410
New Mexico	24	42	185	161	156	180	191	196	230
Arizona	48	70	267	271	299	279	274	263	285
Utah	60	92	530	476	451	425	421	389	403
Nevada	31	53	248	219	240	227	234	194	219
Pacific:									
Washington	133	224	736	840	756	739	757	779	798
Oregon	88	150	587	570	541	542	535	571	583
California	360	479	1,424	1,730	1,554	1,575	1,657	1,704	1,787
48 States	117	196	737	640	599	632	661	668	682

1/ Current dollars.

PENNSYLVANIA AND SELECTED STATES: AVERAGE VALUE PER ACRE OF LAND AND BUILDINGS, AVERAGE CASH RENT PER ACRE - 1991

State	Farmland 1/	Farms		Cropland		Pasture	
	Average Value Per Acre	Rent Per Acre	Ratio Of Rent To Value 2/	Rent Per Acre	Ratio Of Rent To Value 2/	Rent Per Acre	Ratio Of Rent To Value 2/
	Dollars	Dollars	Percent	Dollars	Percent	Dollars	Percent
PENNSYLVANIA							
1965	233	9.70	4.9	-	-	5.60	4.8
1970	373	11.90	3.5	15.30	3.7	8.30	3.5
1975	734	21.20	2.5	21.80	2.6	10.50	2.6
1980	1,464	31.20	2.1	36.60	2.2	15.50	1.7
1981	1,568	35.20	2.4	37.50	2.3	15.00	1.7
1982	1,513	37.60	2.5	39.50	2.5	16.50	1.9
1983	1,520	39.30	2.8	38.80	2.5	17.50	2.1
1984	1,596	38.80	2.5	38.00	2.1	16.00	1.4
1985	1,427	35.80	2.3	43.00	2.5	19.70	2.2
1986	1,332	34.80	2.4	37.20	2.7	18.00	2.2
1987	1,540	39.30	2.5	40.00	2.5	18.60	1.9
1988	1,579	43.80	2.5	42.70	2.4	19.90	1.9
1989	1,874	44.10	2.1	46.50	1.9	22.90	2.0
1990	1,807	44.10	2.3	43.30	2.3	23.50	2.1
1991	1,757	42.40	2.0	42.70	2.2	22.00	1.7
NORTHEAST							
Maine	978	34.10	5.2	34.30	5.7	17.90	2.4
Vermont	1,142	31.30	2.6	25.60	2.9	15.20	1.8
New York	1,031	30.40	4.5	33.90	5.0	16.90	5.2
Delaware	2,248	59.70	3.2	59.60	3.6	39.30	3.0
Maryland	2,196	53.20	2.5	53.30	3.0	33.80	2.5
LAKE STATES							
Michigan	1,085	52.80	6.6	45.50	6.0	21.70	4.8
Wisconsin	853	58.30	7.9	52.30	7.1	23.30	6.5
Minnesota	873	66.30	7.6	63.30	7.4	22.90	8.8
CORN BELT							
Ohio	1,215	67.60	5.9	69.10	5.8	27.20	5.2
Indiana	1,275	85.80	6.6	86.70	6.8	33.40	5.4
Illinois	1,433	100.00	6.7	100.90	6.6	33.50	6.0
Iowa	1,157	97.00	8.5	100.80	8.2	35.40	7.7
Missouri	689	46.70	8.4	62.20	9.3	24.10	6.2
NORTHERN PLAINS							
North Dakota	368	27.00	8.3	28.70	9.0	8.50	6.9
South Dakota	351	20.50	8.9	37.40	8.0	6.80	7.6
Nebraska	556	-	-	-	-	10.60	7.1
(Nonirrigated)	-	-	-	58.30	8.6	-	-
(Irrigated)	-	-	-	98.90	8.9	-	-
Kansas	467	-	-	-	-	11.20	5.2
(Nonirrigated)	-	-	-	32.50	7.7	-	-
(Irrigated)	-	-	-	60.60	8.7	-	-
APPALACHIAN							
Virginia	1,295	28.20	2.7	37.90	2.1	21.20	2.6
West Virginia	625	22.40	3.7	29.50	4.6	11.10	2.3
North Carolina	1,243	31.90	2.9	34.60	3.0	18.70	2.3
Kentucky	962	38.40	5.5	52.70	6.6	25.20	4.3
Tennessee	988	37.30	5.3	51.20	6.0	25.20	4.6
SOUTHEAST							
South Carolina	948	21.40	2.8	24.00	3.2	17.50	2.7
Georgia	995	27.30	3.3	30.90	3.6	19.90	3.3
Alabama	791	28.90	4.4	38.00	5.6	22.50	3.4
DELTA STATES							
Mississippi	754	29.80	5.4	37.90	6.0	15.60	3.7
Arkansas	770	45.20	6.9	55.50	6.6	15.50	3.3
Louisiana	905	41.30	6.6	49.50	7.0	17.70	3.0
SOUTHERN PLAINS							
Oklahoma	486	-	-	-	-	10.50	3.4
(Nonirrigated)	-	-	-	25.50	5.4	-	-
(Irrigated)	-	-	-	40.40	6.4	-	-
Texas	481	-	-	-	-	9.00	1.7
(Nonirrigated)	-	-	-	20.70	3.5	-	-
(Irrigated)	-	-	-	47.50	6.4	-	-

1/ Average value per acre of land and buildings. 2/ Rent as a percentage of per acre value of rented land.

PENNSYLVANIA: ESTIMATED NUMBER OF FARMS, 1990 1/

County & District	All Farms	Cattle	Commercial Dairy 2/	Hog	Sheep	Chicken
Crawford	1,320	1,120	470	170	50	185
Erie	1,390	760	330	70	30	95
Forest	40	30	10	10	5	10
Mercer	1,300	1,090	350	200	70	150
Venango	470	350	60	70	30	60
Warren	480	410	150	60	20	75
NORTHWESTERN, TOTAL	**5,000**	**3,760**	**1,370**	**580**	**205**	**575**
Bradford	1,460	1,300	660	120	80	135
Cameron	30	20	5	10	5	10
Clinton	300	210	90	60	10	65
Elk	180	130	20	30	5	40
Lycoming	870	640	180	150	30	100
Mckean	250	180	40	30	10	40
Potter	340	270	110	40	30	50
Sullivan	170	150	50	20	20	25
Tioga	890	800	380	80	60	85
NORTH CENTRAL, TOTAL	**4,490**	**3,700**	**1,535**	**540**	**250**	**550**
Lackawanna	310	190	70	20	20	50
Susquehanna	840	700	350	40	50	100
Wayne	710	580	300	50	40	85
Wyoming	370	300	120	30	20	40
NORTHEASTERN, TOTAL	**2,230**	**1,770**	**840**	**140**	**130**	**275**
Armstrong	760	620	90	140	60	85
Beaver	590	410	80	80	60	80
Butler	1,230	880	170	190	100	135
Clarion	560	460	100	110	30	80
Indiana	930	730	220	140	70	140
Jefferson	510	420	110	50	20	60
Lawrence	770	630	230	140	50	120
WEST CENTRAL, TOTAL	**5,350**	**4,150**	**1,000**	**850**	**390**	**700**
Blair	500	390	190	70	20	70
Cambria	610	460	50	120	20	85
Centre	840	660	300	130	60	135
Clearfield	430	330	60	70	10	75
Columbia	720	420	70	130	20	75
Dauphin	690	400	120	120	60	80
Huntingdon	640	550	210	110	40	75
Juniata	590	450	170	120	50	80
Mifflin	690	620	350	210	90	165
Montour	280	100	50	40	10	35
Northumberland	690	420	80	140	30	95
Perry	640	440	150	120	50	95
Snyder	720	510	180	160	40	100
Union	520	380	160	100	20	85
CENTRAL, TOTAL	**8,560**	**6,210**	**2,140**	**1,640**	**520**	**1,250**
Carbon	190	90	10	40	10	35
Lehigh	560	180	30	80	40	90
Luzerne	470	270	70	50	30	50
Monroe	200	80	10	40	10	35
Northampton	490	260	90	60	40	75
Pike	50	20	5	10	5	10
Schuylkill	670	310	70	110	30	80
EAST CENTRAL, TOTAL	**2,630**	**1,210**	**285**	**390**	**165**	**375**
Allegheny	470	220	20	40	30	70
Fayette	920	760	110	150	50	140
Greene	860	720	30	80	200	100
Somerset	1,100	960	390	190	70	165
Washington	1,640	1,310	200	150	250	170
Westmoreland	1,380	1,010	230	190	110	155
SOUTHWESTERN, TOTAL	**6,370**	**4,980**	**980**	**800**	**710**	**800**
Adams	1,140	640	120	190	70	100
Bedford	1,070	920	320	170	70	155
Cumberland	1,130	820	330	190	80	125
Franklin	1,480	1,220	600	270	90	175
Fulton	490	380	105	110	20	80
York	2,110	1,170	215	350	170	215
SOUTH CENTRAL, TOTAL	**7,420**	**5,150**	**1,690**	**1,280**	**500**	**850**
Berks	1,860	1,170	420	290	140	255
Bucks	860	300	70	90	85	110
Chester	1,620	890	400	110	110	150
Delaware	100	30	5	10	5	20
Lancaster	4,940	3,730	1,880	1,030	450	880
Lebanon	970	710	310	170	80	120
Montgomery	600	240	75	80	60	90
Philadelphia 3/	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**10,950**	**7,070**	**3,160**	**1,780**	**930**	**1,625**
PENNSYLVANIA	**53,000**	**38,000**	**13,000**	**8,000**	**3,800**	**7,000**

1/ All farms estimated as of June 1. Specie farms relate to the 1990 production year. Specie farms are not additive to all farms. 2/ Commercial dairy farms relate to farms with 10 or more milk cows. 3/ Farms included with Montgomery County to avoid disclosure of individual operations.

PENNSYLVANIA: FARM NUMBERS, LAND AND VALUE, 1987 U.S. CENSUS OF AGRICULTURE 1/

County & District	Number Of Farms	Land In Farms	Average Size Of Farm	Value Per Acre 2/	Harvested Cropland
		Acres		Dollars	Acres
Crawford	1,281	236,481	185	800	105,411
Erie	1,355	184,586	136	1,133	85,489
Forest	34	6,170	181	891	1,670
Mercer	1,267	182,562	144	899	87,117
Venango	456	65,098	143	892	23,994
Warren	472	80,943	171	817	27,433
NORTHWESTERN, TOTAL	**4,865**	**755,840**	**155**	**-**	**331,114**
Bradford	1,432	338,776	237	925	152,610
Cameron	25	2,593	104	735	(D)
Clinton	295	46,965	159	1,234	24,960
Elk	168	18,609	111	1,260	6,865
Lycoming	847	139,334	165	1,313	66,938
McKean	243	44,930	185	704	11,535
Potter	328	95,605	291	730	31,382
Sullivan	165	30,496	185	839	13,146
Tioga	876	222,634	254	719	96,635
NORTH CENTRAL, TOTAL	**4,379**	**939,942**	**215**	**-**	**404,071**
Lackawanna	299	42,033	141	1,403	18,787
Susquehanna	814	189,907	233	928	66,109
Wayne	691	138,960	201	1,329	47,628
Wyoming	367	72,575	198	936	26,714
NORTHEASTERN, TOTAL	**2,171**	**443,475**	**204**	**-**	**159,238**
Armstrong	735	122,420	167	1,247	53,447
Beaver	570	59,063	104	1,356	26,647
Butler	1,199	143,817	120	1,508	69,029
Clarion	541	102,577	190	936	42,208
Indiana	911	165,745	182	993	76,834
Jefferson	495	84,803	171	803	36,993
Lawrence	749	96,264	129	992	49,459
WEST CENTRAL, TOTAL	**5,200**	**774,689**	**149**	**-**	**354,617**
Blair	489	86,691	177	1,345	49,465
Cambria	605	85,764	142	995	40,967
Centre	817	148,889	182	1,548	81,061
Clearfield	421	62,259	148	977	27,563
Columbia	701	110,096	157	1,286	60,355
Dauphin	675	101,692	151	2,017	67,909
Huntingdon	635	134,544	212	884	61,086
Juniata	566	91,378	161	1,189	47,698
Mifflin	677	87,546	129	1,460	44,218
Montour	270	41,870	155	1,273	26,152
Northumberland	675	125,673	186	1,357	80,184
Perry	628	112,654	179	1,323	58,125
Snyder	702	89,998	128	1,312	54,649
Union	505	64,622	128	1,895	45,716
CENTRAL, TOTAL	**8,366**	**1,343,676**	**161**	**-**	**745,148**
Carbon	177	21,720	123	1,909	10,326
Lehigh	541	96,931	179	3,189	71,219
Luzerne	473	58,441	124	1,537	28,617
Monroe	192	26,898	140	2,321	13,241
Northampton	484	86,694	179	2,068	63,542
Pike	44	5,472	124	1,920	1,651
Schuylkill	647	96,961	150	1,388	59,645
EAST CENTRAL, TOTAL	**2,558**	**393,117**	**154**	**-**	**248,241**
Allegheny	451	42,686	95	1,999	13,591
Fayette	902	116,231	129	931	44,232
Greene	838	146,002	174	728	30,848
Somerset	1,062	227,645	214	931	103,570
Washington	1,594	218,906	137	1,230	79,233
Westmoreland	1,335	164,716	123	1,597	78,668
SOUTHWESTERN, TOTAL	**6,182**	**916,186**	**148**	**-**	**350,142**
Adams	1,104	187,035	169	1,806	115,748
Bedford	1,043	221,494	212	1,084	93,122
Cumberland	1,100	153,746	140	1,945	101,369
Franklin	1,441	254,428	177	1,763	173,891
Fulton	467	99,920	214	875	39,720
York	2,041	278,239	136	2,140	186,382
SOUTH CENTRAL, TOTAL	**7,196**	**1,194,862**	**166**	**-**	**710,232**
Berks	1,809	243,260	134	2,595	174,147
Bucks	841	85,113	101	3,652	57,627
Chester	1,573	189,943	121	4,235	119,376
Delaware	95	8,036	85	6,492	3,345
Lancaster	4,775	403,964	85	3,778	298,475
Lebanon	948	117,405	124	2,451	86,718
Montgomery	586	56,734	97	3,551	36,779
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**10,627**	**1,104,455**	**104**	**-**	**776,467**
PENNSYLVANIA 2/	**51,549**	**7,866,289**	**153**	**1,579**	**4,080,153**

1/ County and district totals may not add to state total because of census disclosure rules. State total may differ from U.S. Department of Agriculture estimates because of incompleteness, duplication, definitional difference and sampling variablility. 2/ Value of land and buildings included. (D) Data withheld to avoid disclosing information for individual farms.

UNITED STATES: CIVILIAN PER CAPITA COMSUMPTION OF MAJOR FOOD COMMODITIES, 1984-1989 1/

Commodity	1984	1985	1986	1987	1988	1989 2/
			-------- Pounds --------			
Meats (Boneless, Trimmed Weight):						
Beef	73.8	74.6	74.4	69.5	68.6	65.4
Veal	1.5	1.5	1.6	1.3	1.1	1.0
Lamb & Mutton	1.1	1.1	1.0	1.0	1.0	1.1
Pork	47.2	47.7	45.2	45.6	48.8	48.4
Fish (Edible Weight):						
Canned	5.0	5.1	5.7	5.1	4.7	5.1
Fresh and Frozen	8.2	9.0	8.9	9.9	10.2	10.4
Cured	0.3	0.3	0.3	0.3	0.3	0.3
Poultry Products (Boneless Weight):						
Eggs	33.0	32.4	32.2	32.2	31.2	29.9
Chicken	38.2	39.9	40.7	43.4	44.7	47.3
Turkey	9.0	9.6	10.6	12.1	12.6	13.5
Dairy Products:						
Cheese (Excluding Cottage)	21.4	22.5	23.0	24.0	23.6	23.7
Fluid Whole Milk	126.9	123.4	116.5	111.9	105.7	95.8
Fluid Lowfat Milk	78.6	83.3	88.1	89.6	89.9	94.2
Fluid Cream	4.0	4.4	4.7	4.7	4.6	4.8
Ice Cream (Product Weight)	18.1	18.1	18.4	18.3	17.2	16.0
Yogurt (Excluding Frozen)	3.7	4.1	4.4	4.4	4.7	4.3
Fats & Oils:						
Butter (Product Weight)	4.9	4.9	4.6	4.6	4.5	4.3
Margarine (Product Weight)	10.4	10.8	11.4	10.5	10.2	10.1
Lard	2.1	1.8	1.7	1.8	1.7	1.8
Shortening	21.2	22.8	22.0	21.3	21.4	21.3
Salad and Cooking Oils	19.8	23.5	24.1	25.2	25.7	23.8
Fruits:						
Fresh:						
Citrus	23.2	21.9	25.2	24.9	25.6	23.8
Noncitrus	65.1	64.2	67.3	72.3	69.5	70.1
Processed:						
Frozen Fruit	3.0	3.3	3.6	3.9	3.8	4.8
Dried Fruit	2.5	2.8	2.8	2.7	2.9	3.2
Vegetables:						
Fresh	80.8	81.2	81.1	85.8	88.7	91.8
Processed	108.4	105.0	103.8	104.3	101.5	N/A
Fresh Potatoes	46.9	44.9	47.6	47.1	49.6	48.0
Frozen Potato Products	21.7	22.6	23.0	23.6	21.4	23.2
Dry Edible Beans	5.2	7.2	6.7	5.3	7.0	5.5
Grains:						
Wheat Flour	118.9	124.3	125.2	129.3	129.3	122.7
Rice	8.6	9.1	11.6	13.5	14.3	15.7
Pasta	11.0	11.3	11.6	11.9	12.2	12.8
Other:						
Coffee	10.2	10.5	10.5	10.2	9.8	10.3
Cocoa	3.4	3.7	3.8	3.9	3.8	3.9
Peanuts (Shelled)	6.0	6.3	6.4	6.4	6.8	6.9
Sugar (Refined)	66.6	62.7	60.0	62.4	62.1	62.5
Corn Sweeteners	59.0	65.9	67.7	68.9	69.7	70.3
Soft Drinks (Gallons)	28.4	30.4	31.9	30.5	31.7	31.8

1/ Quantity in pounds. Retail weight unless otherwise shown. Data on calendar year basis except for dried fruits, fresh citrus fruits, peanuts and rice which are on a crop year basis. 2/ Preliminary. N/A - Not available.

PENNSYLVANIA: ESTIMATED TOTAL POPULATION, JULY 1, 1960-1990 1/

Year	Total Population	Year	Total Population
	(000)		(000)
1960	11,329	1986	11,889
1970	11,813	1987	11,936
1975	11,860	1988	12,002
1980	11,864	1989	12,015
1985	11,864	1990 2/	11,882

1/ U.S. Department of Commerce, Bureau of Census, Current Population Reports. 2/ Preliminary.

CROP AND LIVESTOCK DATA FOR _____ COUNTY*

(Name)

Page No.	Commodity	Year or Date	Number		Production				Value
			Unit	Total	Unit	Per Acre or Head	Total	County Rank 1/	Dollars
35	Corn for Grain	1990	Acres		Bu.				
36	Corn, Silage	1990	Acres		Tons				
37	Alfalfa	1990	Acres		Tons				XXXX
37	Other	1990	Acres		Tons				XXXX
38	Hay, All	1990	Acres		Tons				
39	Winter Wheat	1990	Acres		Bu.				
40	Barley	1990	Acres		Bu.				
41	Oats	1990	Acres		Bu.				
42	Soybeans	1990	Acres		Bu.				
44	Potatoes	1990	Acres		Cwt.				
45	Tobacco	1990	Acres		Lbs.				
55	Apples	1990			Lbs.				
55	Peaches	1990			Lbs.				
	SUMMARY								
46	Field & Forage	1990	Acres						
46	Vegetables & Potatoes	1990	Acres						
46	Fruit	1990							
46	Total-Crops	1990							
					Milk				
12	Milk Cows & Production	1990	Cows		Lbs.				
25	Layers & Egg Production	1990	Layers		Eggs				
27	Broilers Produced	1990	Broilers		Lbs.				
	INVENTORIES								
24	All Chickens On Hand	12-01-90	Head						
18	Hogs & Pigs On Hand	12-01-90	Head						
18	Cattle & Calves On Hand	01-01-91	Head						
18	Sheep & Lambs On Hand	01-01-91	Head						
	CASH RECEIPTS								
67	Field Crops	1989							
67	Vegetables & Potatoes	1989							
67	Fruit	1989							
67	Hort. & Specialties	1989							
67	Total-Crops	1989							
68	Meat & Misc. Products	1989							
68	Dairy Products	1989							
68	Poultry Products	1989							
68	Total-Livestock	1989							
68	Government Payments	1989							
68	Total-Cash Receipts	1989							

1/ Ranking of top 10 counties shown on pages 74 and 75. * Source: Pennsylvania Agricultural Statistics Service.

REPORTS AVAILABLE

The following reports are available from the Pennsylvania Agricultural Statistics Service. They are available at no charge to Pennsylvania farmers upon request. Others wishing to receive these reports must complete the "Order Form" on the next page. Questions should be directed to the Pennsylvania Agricultural Statistics Service; address and telephone number are shown on the front cover of this bulletin.

TITLE

STATISTICAL SUMMARY —
Issued in late summer. Contains county data for major agricultural items.

KEYSTONE AG DIGEST —
Issued bi-monthly. Contains information relating to livestock, dairy, poultry, crops, prices, stocks, farm numbers, etc.

SPECIAL DAIRY REPORT —
Issued quarterly. Information relates to milk production and cost of producing milk.

BROILERS —
Issued weekly. Summary of broiler eggs set, chicks hatched and broilers placed for 15 states.

ANNUAL MANUFACTURED DAIRY —
Issued in June. Summary of dairy products manufactured in Pennsylvania for the previous year.

MACHINERY CUSTOM RATES —
Issued in May. Shows charges by custom operators for various farming activities for the current year.

WEEKLY CROP AND WEATHER ROUND-UP —
Issued weekly May-October. Covers current weather conditions, crop planting progress, crop development and harvesting progress.

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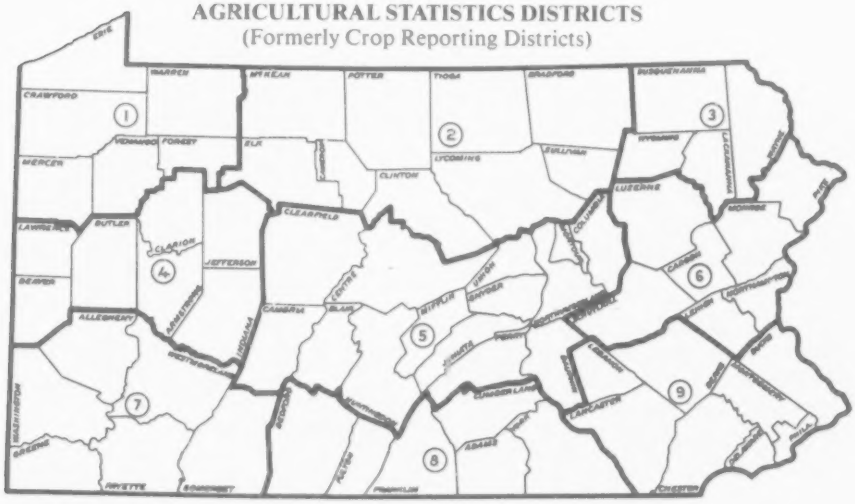

1 Northwestern	2 North Central	3 Northeastern
4 West Central	5 Central	6 East Central
7 Southwestern	8 South Central	9 Southeastern

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☐ 990	**MACHINERY CUSTOM RATES —** Issued in April. Shows charges by custom operators for various farming activities for the current year.	1.50
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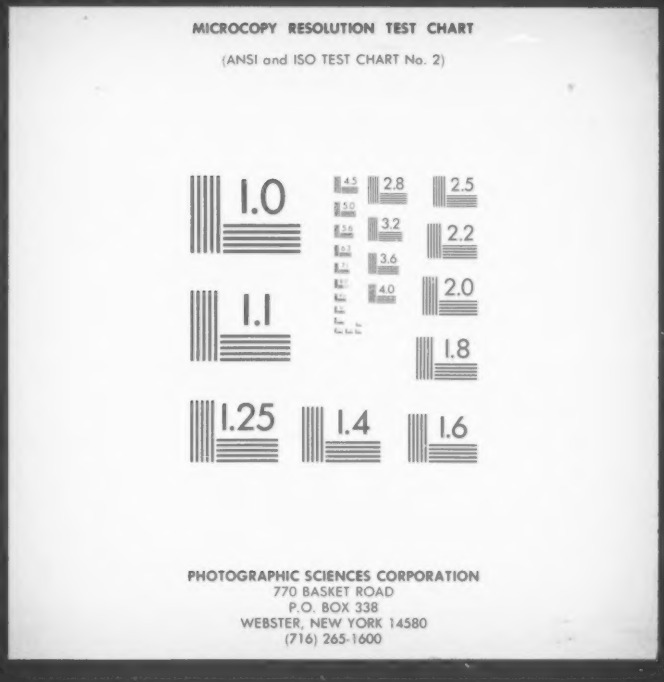
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